AASP African American Studies Summer 2013

AASP100 **Introduction to African American Studies**

AASP100 Introduction to African American Studies; (3 credits) Grade Method: REG/P-F/AUD. CORE Social or Political History (SH) Course. CORE Diversity (D) Course. GenEd: Distributive Studies - History and Social Sciences; Diversity - Understanding Plural Societies.
Significant aspects of the history of African Americans with particular emphasis on the evolution and development of black communities from slavery to the present. Interdisciplinary introduction to social, political, legal and economic roots of contemporary problems faced by blacks in the United States with applications to the lives of other racial and ethnic minorities in the Americas and in other societies.

0201	Jason Nichols **Meets July 8, 2013 - August 18, 2013** TuWTh 10:00am - 12:15pm	Seats (Total: 11) LEF 1201
XA21	Jason Nichols **Meets July 8, 2013 - August 18, 2013** TuWTh 10:00am - 12:15pm	Seats (Total: 0) LEF 1201

AASP101 **Public Policy and the Black Community**

AASP101 Public Policy and the Black Community; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. GenEd: Distributive Studies - History and Social Sciences.
Formerly: AASP300. The impact of public policies on the black community and the role of the policy process in affecting the social, economic and political well-being of minorities. Particular attention given to the post-1960 to present era.

0101	Jonathan England **Meets May 28, 2013 - July 7, 2013** TuWTh 12:30pm - 2:50pm	Seats (Total: 35) TYD 2110

AASP202 **Black Culture in the United States**

AASP202 Black Culture in the United States; (3 credits) Grade Method: REG/P-F/AUD. CORE Social or Political History (SH) Course. CORE Diversity (D) Course. GenEd: Distributive Studies - History and Social Sciences; Diversity - Understanding Plural Societies.
The course examines important aspects of African American life and thought which are reflected in African American literature, drama, music and art. Beginning with the cultural heritage of slavery, the course surveys the changing modes of black creative expression from the 19th-century to the present.

WB11	Robert Choflet **Meets May 28, 2013 - July 7, 2013** Class time/details on ELMs	Seats (Total: 25) ONLINE
WB21	Robert Choflet **Meets July 8, 2013 - August 18, 2013** Class time/details on ELMs	Seats (Total: 25) ONLINE

AASP314 **The Civil Rights Movement**

AASP314 The Civil Rights Movement; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: AASP100 or HIST157.* Survey of the twentieth century civil rights movement from the desegregation of UM Law School through the National Black Political Congress in Gary in 1972. Major themes include leadership, legal and constitutional challenges, non-violence, Black Power, and Pan-Africanism.

WB11	David Terry **Meets May 28, 2013 - August 18, 2013** Class time/details on ELMs	Seats (Total: 35) ONLINE

AASP398P **Selected Topics in the African Diaspora; Peoples and Culture of Africa**
Contact department for information to register for this course.

AASP498I **Special Topics in Black Culture; Women and the Civil Rights Movement**

AASP498I Special Topics in Black Culture: Women and the Civil Rights Movement; (3 credits) Grade Method: REG/P-F/AUD.
Also offered as HIST360 and WMST498M.

WB41	Elsa Barkley Brown	Seats (Total: 40)
	Meets July 8, 2013 - July 26, 2013	
	Class time/details on ELMs	ONLINE

AASP498R **Special Topics in Black Culture; Race and Sports**

AASP498R Special Topics in Black Culture: Race and Sports; (3 credits) Grade Method: REG/P-F/AUD.
This course will be a web-based class which uses print media and film toinvestigate the relationship between two issues that play a large rolein American society--race and sports. All lectures, readings and assignments will be available via Blackboard. There will be an orientation for the course on May 29 (for those in the area). If there are questions, please contact the instructor at jenglan1@umd.edu.

WB21	Jonathan England	Seats (Total: 30)
	Meets July 8, 2013 - August 18, 2013	
	Class time/details on ELMs	ONLINE

AASP499F **Advanced Topics in Public Policy and the Black Community; Black Politics and Policy: A Multimedia Approach**

AASP499F Advanced Topics in Public Policy and the Black Community: Black Politics and Policy: A Multimedia Approach; (3 credits) Grade Method: REG/P-F/AUD.
This is an online course that uses media (film, documentaries) and speeches to investigate African-American politics and policy issues such as education, crime, and welfare. Please contact the instructor at jenglan1@umd.edu for more information. There will be an orientation to the class on Tuesday, July 9th (for those who are local).

WB21	Jonathan England	Seats (Total: 50)
	Meets July 8, 2013 - August 18, 2013	
	Class time/details on ELMs	ONLINE

AMSC Applied Mathematics & Scientific Computation Summer 2013

AMSC498A **Selected Topics in Applied Mathematics**

AMSC498A *(PermReq)* **Selected Topics in Applied Mathematics; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

AMSC689 **Research Interactions in Applied Mathematics and Scientific Computation**

AMSC689 *(PermReq)* **Research Interactions in Applied Mathematics and Scientific Computation; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

AMSC698A **Advanced Topics in Applied Mathematics**

AMSC698A *(PermReq)* **Advanced Topics in Applied Mathematics; (1-4 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

AMSC760 **Applied Statistics Practicum**

AMSC760 Applied Statistics Practicum; (3 credits) Grade Method: REG. *Prerequisite: Must have completed one year of graduate study in Applied Statistics. Restriction: Must have project proposal approved by SAC coordinator.* A semester long applied applied statistical project (a minimum 10 hours per week or 120 hours in total), in an internship of collaborative research-laboratory setting working on a substantive applied quantitative project with significant statistical content.

0201	Partha Lahiri	Seats (Total: 20)
	Meets July 8, 2013 - August 18, 2013	
	Contact instructor or department for details.	

AMSC799 **Master's Thesis Research**

AMSC799 *(PermReq)* **Master's Thesis Research; (1-6 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

AMSC898 **Pre-Candidacy Research**

AMSC898 *(PermReq)* **Pre-Candidacy Research; (1-8 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

AMSC899 **Doctoral Dissertation Research**

AMSC899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

AMST American Studies Summer 2013

AMST101 **Introduction American Studies**

AMST101 Introduction American Studies; (3 credits) Grade Method: REG/P-F/AUD. CORE Humanities (HO) Course. CORE Diversity (D) Course. GenEd: Distributive Studies - Humanities; Diversity - Understanding Plural Societies. *Credit only granted for: AMST101 or AMST201. Formerly: AMST201.* Introduces students to the interdisciplinary field of American Studies by examining concepts such as culture, identity, cultural practices, and globalization, as well as theories underlying these concepts. Engages key themes, especially constructions of difference and identity, cultures of everyday life, and America and the world.

0201	Darius Bost **Meets July 8, 2013 - August 18, 2013** TuWTh 9:00am - 11:15am	Seats (Total: 17) HBK 1108
XA21	Darius Bost **Meets July 8, 2013 - August 18, 2013** TuWTh 9:00am - 11:15am	Seats (Total: 0) HBK 1108

AMST202 **Cultures of Everyday Life in America**

AMST202 Cultures of Everyday Life in America; (3 credits) Grade Method: REG/P-F/AUD. CORE Social or Political History (SH) Course. GenEd: Distributive Studies - History and Social Sciences.
Examine the structures and patterns of everyday life in the U.S., utilizing methods such as ethnography, oral history, survey research, and textual, visual, and material cultural analysis.

WB21	Jennie Chaplin	Seats (Total: 30)
	Meets July 8, 2013 - August 18, 2013	
	Class time/details on ELMs	ONLINE

AMST203 **Popular Culture in America**

AMST203 Popular Culture in America; (3 credits) Grade Method: REG/P-F/AUD. CORE Humanities (HO) Course. GenEd: Distributive Studies - Humanities; Diversity - Understanding Plural Societies.
An introduction to American popular culture, its historical development, and its role as a reflection of and influence on our culture and society.

WB11	Stephanie Stevenson	Seats (Total: 35)
	Meets May 28, 2013 - July 7, 2013	
	Class time/details on ELMs	ONLINE

AMST269I **Special Topics in Study Abroad II; Images of Italian Americans in Film**
Contact department for information to register for this course.

AMST298Y **Selected Topics in American Studies; Lived Existence: Perspectives in Native American Identity (Brazil)**
Contact department for information to register for this course.

AMST328B **Perspectives on Identity and Culture; Internet and Social Media Cultures: Exploring Race, Class, gender and Sexuality**

AMST328B Perspectives on Identity and Culture: Internet and Social Media Cultures: Exploring Race, Class, gender and Sexuality; (3 credits) Grade Method: REG/P-F/AUD.

WB11	Paul Saiedi	Seats (Total: 30)
	Meets May 28, 2013 - July 7, 2013	
	Class time/details on ELMs	ONLINE

AMST328T **Perspectives on Identity and Culture; Comparative Asian American/Latino Popular Cultures**

AMST328T Perspectives on Identity and Culture: Comparative Asian American/Latino Popular Cultures; (3 credits) Grade Method: REG/P-F/AUD. Also offered as USLT498M.

WB21	Douglas Ishii	Seats (Total: 30)
	Meets July 8, 2013 - August 18, 2013	
	Class time/details on ELMs	ONLINE

AMST386 **Experiential Learning**

AMST386 *(PermReq)* **Experiential Learning; (3-6 credits)** Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.
Restriction: Permission of ARHU-American Studies department; and junior standing or higher. Faculty mentored independent learning. On line interaction using Blackboard is required.

Contact department for information to register for this course.

AMST398 **Independent Studies**

AMST398 *(PermReq)* **Independent Studies; (1-3 credits)** Grade Method: REG. Faculty mentored independent learning. Online interaction using Blackboard is required. Please contact the instructor for further information at jpaol@umd.edu.

WB21	Jo Paoletti	Seats (Total: 7)
	Meets July 8, 2013 - August 18, 2013	
	Class time/details on ELMs	ONLINE

AMST429E **Perspectives on Popular Culture; Television in American Culture**

AMST429E Perspectives on Popular Culture: Television in American Culture; (3 credits) Grade Method: REG/P-F/AUD.

WB11	Jason Farman	Seats (Total: 30)
	Meets May 28, 2013 - July 7, 2013	
	Class time/details on ELMs	ONLINE

WB21	Andrew Nelson	Seats (Total: 30)
	Meets July 8, 2013 - August 18, 2013	
	Class time/details on ELMs	ONLINE

AMST698 **Directed Readings in American Studies**

AMST698 Directed Readings in American Studies; (3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

AMST899 **Doctoral Dissertation Research**

AMST899 Doctoral Dissertation Research; (1-6 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ANTH Anthropology Summer 2013

ANTH220 **Introduction to Biological Anthropology**

ANTH220 Introduction to Biological Anthropology; (4 credits) Grade Method: REG/P-F/AUD. CORE Life Science Lab (LL) Course. CORE Diversity (D) Course. GenEd: Distributive Studies - Natural Science Lab; Diversity - Understanding Plural Societies.
Human biological evolution, including the biology of contemporary human groups, non-human primate social behavior, and the fossil, biochemical, and molecular evidence for human evolution. Includes a laboratory study of human population genetics, biochemical variation, and anatomical diversity in modern and fossil human and non-human primate groups. Students must pay a $30.00 laboratory materials fee.

HY11	Susan Steen	Seats (Total: 20)	
	Meets May 28, 2013 - July 7, 2013		
	Tu 9:00am - 12:00pm	MMH 0108	
	Class time/details on ELMs	ONLINE	
	MW 9:00am - 12:00pm	WDS 0124C	Lab

HY12	Susan Steen	Seats (Total: 20)	
	Meets May 28, 2013 - July 7, 2013		
	Tu 9:00am - 12:00pm	MMH 0108	
	Class time/details on ELMs	ONLINE	
	TuTh 1:00pm - 4:00pm	WDS 0124C	Lab

ANTH221 **Introduction to Forensic Sciences**

ANTH221 Introduction to Forensic Sciences; (3 credits) Grade Method: REG/P-F/AUD/S-F. GenEd: Distributive Studies - Scholarship in Practice.
Credit only granted for: ANTH298A or ANTH221. Formerly: ANTH298A. Provides a brief history of forensic sciences, an introduction to some of the techniques used, and a demonstration of some of the applications of forensic sciences. A survey course designed to give the student some exposure to the kinds of scientific knowledge and techniques applied to the medico-legal investigation of death and other crimes. This section is part of The Young Scholars Program. Enrollment by permission only. Please access for the Summer Programs Website for further information.

YS41	Marilyn London	Seats (Total: 25)	
	Meets July 8, 2013 - July 26, 2013		
	MTuWThF 9:00am - 12:00pm	WDS 1102	

ANTH240 **Introduction to Archaeology**

ANTH240 Introduction to Archaeology; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. CORE Diversity (D) Course. GenEd: Distributive Studies - History and Social Sciences; Diversity - Understanding Plural Societies.
Exploration of the variety of past human societies and cultures through archaeology, from the emergence of anatomically modern humans to the more recent historical past.

WB11	Anne Garland	Seats (Total: 30)	
	Meets May 28, 2013 - July 7, 2013		
	Class time/details on ELMs	ONLINE	

ANTH260 **Introduction to Sociocultural Anthropology and Linguistics**

ANTH260 Introduction to Sociocultural Anthropology and Linguistics; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. CORE Diversity (D) Course. GenEd: Diversity - Understanding Plural Societies. Culture and social relationships in a wide variety of settings from small-scale to complex societies. An overview of how anthropology analyzes human behavior. Particular attention to the relationship between language and culture.

WB11	Michael Buonanno	Seats (Total: 25)
	Meets May 28, 2013 - July 7, 2013	
	Class time/details on ELMs	ONLINE

ANTH262 **Gender and Anthropology**

ANTH262 Gender and Anthropology; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. CORE Diversity (D) Course. *Credit only granted for: ANTH262, ANTH298F, or WMST298F. Formerly: ANTH298F and WMST298F.* Utilizing ethnographic work from across the world, students will examine gender constructs across several cultures. The primary focus will be the role of women as gendered actors and participants in their day-to-day lives. Students will develop understandings of gender as distinct from the biological categories of sex, and to gain a working knowledge of variability and similarity in gender across cultural systems.

WB11	Katherine Johnson	Seats (Total: 25)
	Meets May 28, 2013 - July 7, 2013	
	Class time/details on ELMs	ONLINE

ANTH298N **Special Topics in Anthropology; Lived Existence: Perspectives in Native American Identity (Brazil)**
Contact department for information to register for this course.

ANTH298O **Special Topics in Anthropology; Lived Existence: Perspectives in Native American Identity (brazil)**
Contact department for information to register for this course.

ANTH367 **Archaeology Mapping and Spatial Analysis**

ANTH367 Archaeology Mapping and Spatial Analysis; (3 credits) Grade Method: REG/P-F/AUD.
An overview of the mapping techniques and technologies and the spatial analyses used by archaeologists. Introduction to topics relevant to mapping and spatial analysis in an archaeological context, discussion of case studies, and application of methodologies to real-world datasets provide students with a foundation in mapping technologies like GIS and the specific skills necessary to conduct these analyses on their own projects.

0201	Benjamin Skolnik	Seats (Total: 20)
	Meets July 8, 2013 - August 18, 2013	
	MTuWThF 3:30pm - 4:45pm	LEF 0214

ANTH386 **Experiential Learning**

ANTH386 *(PermReq)* **Experiential Learning; (1-6 credits)** Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.
Recommended: Completion of advanced courses in relevant subfield of anthropology recommended. Restriction: Permission of BSOS-Anthropology department; and junior standing or higher; and must be in Anthropology program. Approval of instructor required; check with Department for section (and index) number.

Contact department for information to register for this course.

ANTH398A **Independent Study**

ANTH398A *(PermReq)* **Independent Study; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Approval of Instructor required; check with Department for section (and index) number.

Contact department for information to register for this course.

ANTH398J **Independent Study; Archaeology Practicum**
Contact department for information to register for this course.

ANTH428W **Special Topics in Bioanthropology; Primate Social Behavior**

ANTH428W Special Topics in Bioanthropology: Primate Social Behavior; (3 credits) Grade Method: REG/P-F/AUD.
Click here for more course information.

WB21	Mark Zajac	Seats (Total: 30)	
	Meets July 8, 2013 - August 18, 2013		
	Class time/details on ELMs	ONLINE	

ANTH445 **Laboratory Methods in Archaeology**

ANTH445 Laboratory Methods in Archaeology; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: ANTH496. Recommended: ANTH240. The processing, curation, cataloging and analysis of data is an important part of any archaeology field project. Students will learn that basics of laboratory techniques necessary for the final analysis and interpretation of field data.

0401	Mark Leone	Seats (Total: 20)	
	Meets July 8, 2013 - July 26, 2013		
	MTuWThF 9:00am - 5:00pm	WDS 1124	Lab
	This lab section will work with finds from the Annapolis field school led by Leone, Deeley, Pruitt and Skolnik.		
0402	Stephen Brighton	Seats (Total: 20)	
	Meets July 8, 2013 - July 26, 2013		
	MTuWThF 9:00am - 5:00pm	WDS 0128	Lab
	This lab section will work with finds from the Virginia Field School le by Brighton.		
0403	Paul Shackel	Seats (Total: 20)	
	Meets July 8, 2013 - July 26, 2013		
	MTuWThF 9:00am - 5:00pm	WDS 1125	Lab
	This lab section will work with finds from the Lattimer Field School le by Shackel.		

ANTH448I **Special Topics in Archaeology; Introduction to Cultural Resource Management**

ANTH448I Special Topics in Archaeology: Introduction to Cultural Resource Management; (3 credits) Grade Method: REG/P-F/AUD.
Click here for more course information.

I501	Terry Klein	Seats (Total: 15)
	Meets June 17, 2013 - June 25, 2013	
	MTuWThFSa 9:00am - 5:00pm	WDS 1102

ANTH496 **Field Methods in Archaeology**

ANTH496 Field Methods in Archaeology; (6 credits) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - Scholarship in Practice; Diversity - Understanding Plural Societies.
Field training in the techniques of archaeological survey and excavation. Also offered as ANTH696 and SUMM015.

0101	Mark Leone	Seats (Total: 20)
	Meets May 28, 2013 - July 7, 2013	
	MTuWThF 8:00am - 4:00pm	Location: TBA
	Excavation sites will be in Annapolis and on the Eastern Shore. Student will be responsible for their own transportation.	
0102	Stephen Brighton	Seats (Total: 15)
	Meets May 28, 2013 - July 7, 2013	
	MTuWThF 8:00am - 4:00pm	Location: TBA
	Excavation site will be near Charlottesville, Virginia. Students will b responsible for their own transportation.	
0103	Paul Shackel	Seats (Total: 6)
	Meets May 28, 2013 - July 7, 2013	
	MTuWThF 8:00am - 4:00pm	Location: TBA
	Excavation site will be near Hazelton, Pennsylvania. Students will be responsible for their own transportation.	

ANTH498C **Advanced Field Training in Ethnography; Brazil: Environmental Conservation & Indigenous Peoples**
Contact department for information to register for this course.

ANTH498J **Advanced Field Training in Ethnography; Jamaica: Ethnographic Fieldwork/Ethnographic Assessment and Expressive Culture**
Contact department for information to register for this course.

ANTH498M **Advanced Field Training in Ethnography; Suriname: Ethnographic Fieldwork-National Celebration, Integration and Identity**

Contact department for information to register for this course.

ANTH498W **Advanced Field Training in Ethnography; Jamaica: Connections, Celebration and Identity**
Contact department for information to register for this course.

ANTH498Y **Advanced Field Training in Ethnography; Field Methods in Community Archaeology**

ANTH498Y Advanced Field Training in Ethnography: Field Methods in Community Archaeology; (3 credits) Grade Method: REG/P-F/AUD.
Class site will be in Easton, Maryland. Students will be responsible for transportation to site. Contact instructor for local housing options.

0201	Stefan Woehlke **Meets July 8, 2013 - July 26, 2013** MTuWThF 9:00am - 5:00pm	Seats (Total: 15) Location: TBA
0302	Stephen Brighton **Meets May 28, 2013 - June 14, 2013** MTuWThF 8:00am - 4:00pm *Excavation site will be near Charlottesville, Virginia. Students will b responsible for their own transportation.*	Seats (Total: 5) Location: TBA
0502	Stephen Brighton **Meets June 17, 2013 - July 5, 2013** MTuWThF 8:00am - 4:00pm *Excavation site will be near Charlottesville, Virginia. Students will b responsible for their own transportation.*	Seats (Total: 5) Location: TBA

ANTH688A **Current Developments in Anthropology**

ANTH688A Current Developments in Anthropology; (3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ANTH688Y **Current Developments in Anthropology; Field Methods in Community Archaeology**

ANTH688Y Current Developments in Anthropology: Field Methods in Community Archaeology; (3 credits) Grade Method: REG/AUD.
Class site will be in Easton, Maryland. Students will be responsible for transportation to site. Contact instructor for local housing options.

0201	Stefan Woehlke	Seats (Total: 5)
	Meets July 8, 2013 - July 26, 2013	
	MTuWThF 9:00am - 5:00pm	Location: TBA

ANTH689A **Special Problems in Anthropology**

ANTH689A *(PermReq)* **Special Problems in Anthropology; (1-6 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.
Approval of instructor required; check with Department for section (and index) number.

Contact department for information to register for this course.

ANTH689I **Special Problems in Anthropology; Introduction to Cultural Resource Management**

ANTH689I Special Problems in Anthropology: Introduction to Cultural Resource Management; (3 credits) Grade Method: REG/S-F.
Click here for more course information.

0501	Terry Klein	Seats (Total: 10)
	Meets June 17, 2013 - June 25, 2013	
	MTuWThFSa 9:00am - 5:00pm	WDS 1102
	Students who wish to register for this section after June 4, 2012, please e-mail summer@umd.edu .	

ANTH689M **Special Problems in Anthropology; Suriname: Ethnographic Fieldwork-National Celebration, Integration and Identity**

Contact department for information to register for this course.

ANTH696 **Field Methods in Archaeology**

ANTH696 Field Methods in Archaeology; (6 credits) Grade Method: REG/AUD. *Formerly: ANTH699.* Field training in the techniques of archaeological survey and excavation. Also offered as ANTH496 and SUMM015.

0101	Mark Leone **Meets May 28, 2013 - July 7, 2013** MTuWThF 8:00am - 4:00pm *Excavation sites will be in Annapolis and on the Eastern Shore. Student will be responsible for their own transportation.*	Seats (Total: 20) Location: TBA
0102	Stephen Brighton **Meets May 28, 2013 - July 7, 2013** MTuWThF 8:00am - 4:00pm *Excavation site will be near Charlottesville, Virginia. Students will b responsible for their own transportation.*	Seats (Total: 15) Location: TBA
0103	Paul Shackel **Meets May 28, 2013 - July 7, 2013** MTuWThF 8:00am - 4:00pm *Excavation site will be near Hazelton, Pennsylvania. Students will be responsible for their own transportation.*	Seats (Total: 6) Location: TBA

ANTH698C **Advanced Field Training in Ethnology; Brazil: Ethnographic Fieldwork**
Contact department for information to register for this course.

ANTH698J **Advanced Field Training in Ethnology; Jamaica: Ethnographic Fieldwork/Ethnographic Assessment and Expressive Culture**
Contact department for information to register for this course.

ANTH698W **Advanced Field Training in Ethnology; Jamaica: Connections, Celebration and Identity**
Contact department for information to register for this course.

ANTH788 **Internship Research**
Contact department for information to register for this course.

ANTH789 **Internship**

ANTH789 *(PermReq)* **Internship; (3-6 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ANTH898 **Pre-Candidacy Research**

ANTH898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F.

I102	Erve Chambers **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
I103	William Stuart **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
I104	Tony Whitehead **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
I105	Judith Freidenberg **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
I106	Janet Chernela **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
I107	Michael Paolisso **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
I108	Thurka Sangaramoorthy **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
I109	Sean Downey **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
I110	L Jen Shaffer **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
I111	Mark Leone **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)

I112	Paul Shackel **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
I113	Stephen Brighton **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
I114	George Hambrecht **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
I115	Terry Klein **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
I202	Erve Chambers **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
I203	William Stuart **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
I204	Tony Whitehead **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
I205	Judith Freidenberg **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
I206	Janet Chernela **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
I207	Michael Paolisso **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)

I208	Thurka Sangaramoorthy **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
I209	Sean Downey **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
I210	L Jen Shaffer **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
I211	Mark Leone **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
I212	Paul Shackel **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
I213	Stephen Brighton **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
I214	George Hambrecht **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
I215	Terry Klein **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)

ANTH899 **Doctoral Dissertation Research**

ANTH899 Doctoral Dissertation Research; (6 credits) Grade Method: REG/S-F.

I102	Erve Chambers **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)

I103	William Stuart **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
I104	Tony Whitehead **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
I105	Judith Freidenberg **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
I106	Janet Chernela **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
I107	Michael Paolisso **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
I108	Thurka Sangaramoorthy **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
I109	Sean Downey **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
I110	L Jen Shaffer **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
I111	Mark Leone **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
I112	Paul Shackel **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)

I113	Stephen Brighton **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
I114	George Hambrecht **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
I115	Terry Klein **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
I202	Erve Chambers **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
I203	William Stuart **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
I204	Tony Whitehead **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
I205	Judith Freidenberg **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
I206	Janet Chernela **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
I207	Michael Paolisso **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
I208	Thurka Sangaramoorthy **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)

I209	Sean Downey **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
I210	L Jen Shaffer **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
I211	Mark Leone **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
I212	Paul Shackel **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
I213	Stephen Brighton **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
I214	George Hambrecht **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
I215	Terry Klein **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)

AOSC Atmospheric and Oceanic Science Summer 2013

AOSC658L **Special Topics in Meteorology**

AOSC658L Special Topics in Meteorology; (1-3 credits) Grade Method: REG/AUD.

0201	Xin-Zhong Liang **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 5)
0225	Xin-Zhong Liang **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 5)

AOSC658W **Special Topics in Meteorology; Forecasting Severe Weather: The National Severe Storms Laboratory**

AOSC658W Special Topics in Meteorology: Forecasting Severe Weather: The National Severe Storms Laboratory; (3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

AOSC798 **Directed Graduate Research**

AOSC798 Directed Graduate Research; (1-3 credits) Grade Method: S-F.

0101	James Carton **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 5)
0103	Raghu Murtugudde **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 5)
0104	Raghu Murtugudde **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 5)
0105	Antonio Busalacchi **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 5)
0126	Da-Lin Zhang **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 5)
0203	Raghu Murtugudde **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 5)
0204	Raghu Murtugudde **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 5)

0206	Kenneth Pickering **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 5)
0207	Zhanqing Li **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 5)
0208	Dale Allen **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 5)
0221	Ernesto Berbery **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 5)
0225	Xin-Zhong Liang **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 5)

AOSC898 **Pre-Candidacy Research**

AOSC898 *(PermReq)* **Pre-Candidacy Research; (1-8 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

AOSC899 **Doctoral Dissertation Research**

AOSC899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ARAB Arabic Summer 2013

ARAB104 **Elementary Modern Standard Arabic I-II**

SUMMER COURSES IN ARABIC ARE PART OF THE ARABIC SUMMER INSTITUTE. CLICK HERE FOR MORE INFORMATION AND APPLICATION INSTRUCTIONS.

ARAB104 *(PermReq)* **Elementary Modern Standard Arabic I-II; (6 credits)** Grade Method: REG/P-F/AUD.

Prerequisite: Must have appropriate Foreign Language Placement Test (FLPT) score. Restriction: Must not be a fluent/native speaker of Arabic. An intensive course focusing on developing functional proficiency in the standard Arabic language, both written and formal spoken. Begins with script and phonology, and develops into a limited range of situation-based texts and topics that build vocabulary, grammar, general communicative competence and cultural awareness. Enrollment limited to students accepted into the Summer Language Institutes. This course includes an additional 3 hours of conversation lab per week. Times and days to be arranged. Click here for more course information.

XL11	Kevin Burnham	Seats (Total: 15)
	Meets May 28, 2013 - July 7, 2013	
	MTuWThF 9:00am - 5:00pm	SQH 1107

ARAB105 **Elementary Modern Standard Arabic III-IV**

ARAB105 *(PermReq)* **Elementary Modern Standard Arabic III-IV; (6 credits)** Grade Method: REG/P-F/AUD.

Prerequisite: ARAB104; or must have appropriate Foreign Language Placement Test (FLPT) score. Restriction: Must not be a fluent/native speaker of Arabic. Continuation of ARAB104, developing further linguistic proficiency in Standard Arabic, both written and formal spoken. Covers an extended range of situation-based texts and topics that build vocabulary, grammar, general communicative competence and cultural awareness. Enrollment limited to students accepted into the Summer Language Institutes. Click here for more course information.

XL21	Kevin Burnham	Seats (Total: 15)
	Meets July 8, 2013 - August 5, 2013	
	MTuWThF 9:00am - 5:00pm	SQH 1119

ARAB204 **Intermediate Modern Standard Arabic I**

ARAB204 *(PermReq)* **Intermediate Modern Standard Arabic I; (6 credits)** Grade Method: REG/P-F/AUD. CORE Humanities (HO) Course.
Prerequisite: ARAB105; and must have appropriate Foreign Language Placement Test (FLPT) score. Restriction: Must not be a fluent/native speaker of Arabic. Covers topics related to contemporary Arabic society, literature and culture in standard written and formal spoken Arabic. Acquisition of more complex grammatical structures, expanding vocabulary, and reading, to develop a better understanding of the formal aspects of using MSA. Enrollment limited to students accepted into the Summer Language Institutes. Click here for more course information.

XL11	Soulaiman Jendi	Seats (Total: 15)
	Meets May 28, 2013 - July 7, 2013	
	MTuWThF 9:00am - 5:00pm	SQH 1101

ARAB205 **Intermediate Modern Standard Arabic II**

ARAB205 *(PermReq)* **Intermediate Modern Standard Arabic II; (6 credits)** Grade Method: REG/P-F/AUD. CORE Humanities (HO) Course.
Prerequisite: ARAB204; or must have appropriate Foreign Language Placement Test (FLPT) score. Continuation of ARAB204, with exposure to a wide range of Arabic texts from different domains. Focus on vocabulary, more complex grammatical forms, and a better understanding of the formal aspects of using MSA as well as the cultural aspects of using the language. Enrollment limited to students accepted into the Summer Language Institutes. Click here for more course information.

XL21	Soulaiman Jendi	Seats (Total: 15)
	Meets July 8, 2013 - August 5, 2013	
	MTuWThF 9:00am - 5:00pm	SQH 1121

ARAB315 **Intensive Advanced Arabic I**

ARAB315 *(PermReq)* **Intensive Advanced Arabic I; (6 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: ARAB205; or permission of ARHU-School of Languages, Literatures, and Cultures department. Restriction: Must not have completed ARAB304. Intensive training in written and spoken Arabic at the Advanced-low level of proficiency. Additional intensive training in effective listening and reading skills. Substantial cultural component exploring traditions and customs of the Middle East in addition to current social issues. Enrollment limited to students accepted into the Summer Language Institutes. Click here for more course information.

XL11	Lutf Alkebsi	Seats (Total: 15)
	Meets May 28, 2013 - July 7, 2013	
	MTuWThF 9:00am - 5:00pm	SQH 1117

ARAB316 **Intensive Advanced Arabic II**

ARAB316 *(PermReq)* **Intensive Advanced Arabic II; (6 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: ARAB304 or ARAB315; or permission of ARHU-School of Languages, Literatures, and Cultures department. Restriction: Must not have completed ARAB305. Credit only granted for: ARAB305 or ARAB316-. Intensive training in written and spoken Arabic at the Advanced-mid level of proficiency. Additional training in effective listening and reading skills. Substantial cultural component exploring traditions and customs of the Middle East in addition to current social issues. Enrollment limited to students accepted into the Summer Language Institutes. Click here for more course information.

XL21	Lutf Alkebsi	Seats (Total: 15)
	Meets July 8, 2013 - August 5, 2013	
	MTuWThF 9:00am - 5:00pm	SQH 2117

ARCH Architecture Summer 2013

ARCH150 **Discovering Architecture: A Career Studio**

ARCH150 Discovering Architecture: A Career Studio; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: Permission of ARCH-School of Architecture, Planning, & Preservation. Introduction to careers in architecture. A Young Scholars Program course, offered during the summer only. Students learn about careers in architecture, landscape architecture and urban planning. Architecture faculty teach basic design principles that students use to complete their own design project in a design studio environment.

YS41	Michael Ambrose	Seats (Total: 64)	
	Meets July 8, 2013 - July 26, 2013		
	MTuWThF 9:30am - 4:30pm	ARC 0204	
	This section is part of The Young Scholars Program. Enrollment by permission only.		

ARCH223 **History of Non-Western Architecture**

ARCH223 History of Non-Western Architecture; (3 credits) Grade Method: REG/P-F/AUD. CORE History or Theory of Arts (HA) Course. CORE Diversity (D) Course. Survey of non-western architectural history, including prehistoric and vernacular; ancient civilizations and the Indus valley; the Islamic world; Hindu and Buddhist traditions of Asia; and pre-European Africa and the Americas.

0201	Robert Vann	Seats (Total: 15)	
	Meets July 8, 2013 - August 18, 2013		
	MW 5:30pm - 10:00pm	ARC 1123	

ARCH242 **Basic Architectural Drawing**

ARCH242 Basic Architectural Drawing; (3 credits) Grade Method: REG.
Prerequisite: ARCH170; or permission of ARCH-School of Architecture, Planning, & Preservation. The study of drawing as a learned skill with emphasis on observation, documentation, analysis, and synthesis. This introductory course immerses students in the conventions of architectural drawing (orthographics, isometrics, axonometrics, and linear perspective) primarily through freehand drawing.

0201	Lester Escobal	Seats (Total: 15)	
	Meets July 8, 2013 - August 18, 2013		
	MW 7:00pm - 8:00pm	ARC 1105	
	MW 8:00pm - 10:20pm	ARC 1105	Lab

ARCH428 **Selected Topics in Architectural History**

ARCH428 *(PermReq)* **Selected Topics in Architectural History; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Majors only.

Contact department for information to register for this course.

ARCH428G **Selected Topics in Architectural History; Greek and Roman Cities of Southern Turkey**
Contact department for information to register for this course.

ARCH428P **Selected Topics in Architectural History; Domestic Architecture in Pompeii**
Contact department for information to register for this course.

ARCH428Q **Selected Topics in Architectural History; Italy: Archaeological Investigations in the Vesuvian Region**
Contact department for information to register for this course.

ARCH428T **Selected Topics in Architectural History; History of the Turkish Architecture**
Contact department for information to register for this course.

ARCH428Y **Selected Topics in Architectural History; Archaeological Investigations in Roman Turkey**
Contact department for information to register for this course.

ARCH429 **Independent Studies in Architectural History**

ARCH429 *(PermReq)* **Independent Studies in Architectural History; (1-4 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Majors only.

Contact department for information to register for this course.

ARCH448D **Selected Topics in Visual Studies for Architects**

ARCH448D Selected Topics in Visual Studies for Architects; (1-3 credits) Grade Method: REG/P-F/AUD.

0201	Lester Escobal	Seats (Total: 15)	
	Meets July 8, 2013 - August 18, 2013		
	TuTh 7:00pm - 8:00pm	ARC 1101	
	TuTh 8:00pm - 10:40pm	ARC 1101	Lab

ARCH478G **Selected Topics in Architecture; Japan: Examining Spatial Constructs Through Literature and Architecture**
Contact department for information to register for this course.

ARCH478R **Selected Topics in Architecture; Architectural Drawings II**
Contact department for information to register for this course.

ARCH478V **Selected Topics in Architecture; Italy: Summer Architecture Program in Rome/Visual Analysis: The Building and the City**
Contact department for information to register for this course.

ARCH479 **Independent Studies in Architecture**

ARCH479 Independent Studies in Architecture; (1-4 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ARCH483 **Field Archaeology**
Contact department for information to register for this course.

ARCH628 **Selected Topics in Architectural History; Architectural History**

ARCH628 *(PermReq)* **Selected Topics in Architectural History: Architectural History; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Majors only.

Contact department for information to register for this course.

ARCH628G **Selected Topics in Architectural History; Greek and Roman Cities of Southern Turkey**
Contact department for information to register for this course.

ARCH628P **Selected Topics in Architectural History; Domestic Architecture in Pompeii**
Contact department for information to register for this course.

ARCH628Q **Selected Topics in Architectural History; Italy: Archaeological Investigations in the Vesuvian Region**

Contact department for information to register for this course.

ARCH628T **Selected Topics in Architectural History; History of the Turkish Architecture**

Contact department for information to register for this course.

ARCH628Y **Selected Topics in Architectural History; Archaeological Investigations in Roman Turkey**

Contact department for information to register for this course.

ARCH629 **Independent Studies in Architectural History**

ARCH629 *(PermReq)* **Independent Studies in Architectural History; (1-3 credits)**

Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Majors only.

Contact department for information to register for this course.

ARCH678I **Selected Topics in Architecture; Building Information Modeling in Professional Practice: Visual Communication and Collaboration**

ARCH678I Selected Topics in Architecture: Building Information Modeling in Professional Practice: Visual Communication and Collaboration; (3 credits)

Grade Method: REG/AUD.

This course explores architectural practice methods related to integrated project delievery. The course explores topical issues of architectural design concept, collaboration, process and technique related to Building Information Modeling in contemporary architectural practitioners must employ to prepare for digital practice that is based on a modeled construct of architectural assemblage and simulation that transcends previous definitions of convention in design, construction and professional reprepresentation. Saturday sessions (8/04, 8/11) to be held in the Ayers Saint Gross Baltimore Office. The Final Review will take place in the Ayers Saint Gross Baltimore office on Friday, 8/17 from 1-6pm.

0601	Kristen Ambrose	Seats (Total: 25)
	Meets July 29, 2013 - August 18, 2013	
	MTuWTh 6:30pm - 9:00pm Sa 9:00am - 4:00pm	ARC 1115 Location: TBA

ARCH678R **Selected Topics in Architecture; Architectual Representation**
Contact department for information to register for this course.

ARCH678V **Selected Topics in Architecture; Italy: Summer Architecture Program in Rome/Visual Analysis: The Building and the City**
Contact department for information to register for this course.

ARCH679 **Independent Studies in Architecture**

ARCH679 Independent Studies in Architecture; (1-4 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ARCH799 **Master's Thesis Research**
Contact department for information to register for this course.

ARHU Arts and Humanities Summer 2013

ARHU269V **Special Topics in Study Abroad II; Vienna and Budapest Field Study**
Contact department for information to register for this course.

ARHU286 **Experiential Learning**

ARHU286 *(PermReq)* **Experiential Learning; (3-6 credits)** Grade Method: REG/P-F. *Prerequisite: Permission of ARHU-College of Arts & Humanities. Restriction: Minimum cumulative GPA of 2.5; and must be in a major in ARHU-College of Arts & Humanities; and must have earned a minimum of 12 credits.* Designed for ARHU students who wish to complete an internship in one of the academic fields covered within the College of Arts and Humanities. In addition to completing their required hours on site, students will be required to attend four weekly seminars at the beginning of the semester to help develop their para-professional goals and understandings.

0201	Paula Nadler **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 5)
I201	Paula Nadler **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 20)

ARHU298J **Special Problems in Arts and Humanities; Creative Writing Workshop**

ARHU298J Special Problems in Arts and Humanities: Creative Writing Workshop; (3 credits) Grade Method: REG/P-F/AUD.
Students will read great poems and stories from across cultures and engage in related writing exercises. Students will share their own original writing in a supportive workshop setting, discover new approaches to revision. "Part of the Young Scholars Program. Enrollment by permission only. Contact summer@umd. edu for further information."

YS41	Vivianne Salgado, Zein El-Amine	Seats (Total: 28)
	Meets July 8, 2013 - July 26, 2013	
	MTuWThF 9:30am - 12:30pm	DOR 0128
	This section is part of The Young Scholars Program. Enrollment by permission only.	

ARHU338 **Undergraduate Teaching Assistantship in the Writers' House**

ARHU338 *(PermReq)* **Undergraduate Teaching Assistantship in the Writers' House; (3 credits)** Grade Method: REG.

0201	Vivianne Salgado	Seats (Total: 10)
	Meets July 8, 2013 - August 18, 2013	
	Contact instructor or department for details.	

ARHU369I **Special Topics in Study Abroad III; James Joyce's Dublin**
Contact department for information to register for this course.

ARHU386 **Experiential Learning**

ARHU386 *(PermReq)* **Experiential Learning; (3-6 credits)** Grade Method: REG/P-F. GenEd: Distributive Studies - Scholarship in Practice. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: Permission of ARHU-College of Arts & Humanities. Restriction: Junior standing or higher.

Contact department for information to register for this course.

ARHU486 **Internship Practicum in Arts and Humanities**

ARHU486 *(PermReq)* **Internship Practicum in Arts and Humanities; (3-6 credits)** Grade Method: REG/P-F.
Prerequisite: Have completed previous internship at U of MD. Restriction: Must be in a major in ARHU-College of Arts & Humanities; and permission of ARHU-College of Arts & Humanities; and minimum cumulative GPA of 2.5; and must have earned a minimum of 60 credits; and completed 12 credits at U of MD. An internship intended for students who have already completed an internship for credit. ARHU486 must be a different experience from the internship students have already taken for credit. Generally students intern with a different company, but they may continue working for the same company if the job is significantly different. See ARHU internship coordinator for details.

0201	Paula Nadler **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 5)
I201	Paula Nadler **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 20)

ARTH Art History & Archaeology Summer 2013

ARTH169A **Special Topics in Study Abroad I; Roman Archaeology On-Site**
Contact department for information to register for this course.

ARTH169I **Special Topics in Study Abroad I; Art of Rome**
Contact department for information to register for this course.

ARTH255 **Art and Society in the Modern American World**

ARTH255 Art and Society in the Modern American World; (3 credits) Grade Method: REG/P-F/AUD. CORE History or Theory of Arts (HA) Course. CORE Diversity (D) Course. GenEd: Distributive Studies - Humanities; Diversity - Understanding Plural Societies.
Explores the origins and evolution of art in the modern American world, from the late colonial era to the present, comparing major artistic movements and their historical contexts. Considers the diversity of art across Latin America and the United States, and the ways in which artworks mediate social, ethnic, political, and national identities.

0101	Raino Isto	Seats (Total: 25)
	Meets May 28, 2013 - July 7, 2013	
	MTuWThF 12:30pm - 1:50pm	ASY 3215

ARTH269P **Special Topics in Study Abroad II; From Medieval to Contemporary: Exploring the Great Art and Architecture of Prague**

Contact department for information to register for this course.

ARTH346 **Nineteenth-Century European Art from 1850**

ARTH346 Nineteenth-Century European Art from 1850; (3 credits) Grade Method: REG/P-F/AUD.

Major trends from Realism and Impressionism to Symbolism, exploring the historical context, in which concepts of gender, class, and race are integral to the transformation of Western art. Click here for more course information.

0101	Caroline Shields	Seats (Total: 25)
	Meets May 28, 2013 - July 7, 2013	
	MW 4:30pm - 8:00pm	ASY 3217

ARTH359B **Film as Art; Films of Quentin Tarantino**

ARTH359B Film as Art: Films of Quentin Tarantino; (3 credits) Grade Method: REG/P-F/AUD.

0101	Greg Metcalf	Seats (Total: 30)
	Meets May 28, 2013 - July 7, 2013	
	TuTh 6:00pm - 9:30pm	HBK 0302H

ARTH389A **Special Topics in Art History and Archaeology; The Art of Drawing: A Left and Right Brain Experience**

ARTH389A Special Topics in Art History and Archaeology: The Art of Drawing: A Left and Right Brain Experience; (3 credits) Grade Method: REG/P-F/AUD. This course examines Old and Modern Master Drawings, theories of drawing and drawing practice. Lectures will discuss Dr. Betty Edward's theory of a verbal, analytical Left Brain and a visual, perceptual Right Brain. As practice, students will learn to make the mental shift from left, analytical brain to right, visual brain. Class exercises are based on Betty Edward's text, Drawing on the Right Side of the Brain. No prior drawing experience is necessary.

0401	Beryl Bland	Seats (Total: 10)
	Meets July 8, 2013 - July 26, 2013	
	MTuWThF 12:30pm - 3:30pm	ASY 3217

ARTH389J **Special Topics in Art History and Archaeology; Renaissance Art From Florence to Rome**
Contact department for information to register for this course.

ARTH498 **Directed Studies in Art History I**

ARTH498 *(PermReq)* **Directed Studies in Art History I; (2-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ARTH499 **Honors Thesis**

ARTH499 *(PermReq)* **Honors Thesis; (2-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ARTH699 **Special Topics in Art History**

ARTH699 Special Topics in Art History; (3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ARTH798 **Directed Graduate Studies in Art History**

ARTH798 Directed Graduate Studies in Art History; (3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ARTH799 **Master's Thesis Research**

ARTH799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ARTH898 **Pre-Candidacy Research**

ARTH898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ARTH899 **Doctoral Dissertation Research**

ARTH899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ARTT Art Studio Summer 2013

ARTT100 **Two-Dimensional Design Fundamentals**

ARTT100 Two-Dimensional Design Fundamentals; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - Scholarship in Practice. Principles and elements of two-dimensional design. Introduction to visual communication. Students must pay a $40.00 materials fee.

0501	James Thorpe	Seats (Total: 18)	
	Meets June 17, 2013 - July 5, 2013		
	MTuWTh 10:00am - 4:15pm	ASY 2318	Lab
	Students who wish to register for this section after June 4, 2012, please e-mail summer@umd.edu .		

ARTT110 **Elements of Drawing I**

ARTT110 Elements of Drawing I; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - Scholarship in Practice.
Fundamental concepts, media, and processes of drawing. Emphasis on observation and representation in combination with individual expression. Subject matter includes still life, human figure, nature, the built environment, and conceptual projects.
Students must pay a $40.00 materials fee.

0101	Lauren Evans **Meets May 28, 2013 - July 7, 2013** MTuWTh 9:00am - 12:15pm	Seats (Total: 7) ASY 2317	 Lab
YS41	Leslie Berns **Meets July 8, 2013 - July 26, 2013** MTuWThF 9:00am - 3:00pm *This section is part of The Young Scholars Program. Enrollment by permission only.*	Seats (Total: 18) ASY 2315	

ARTT150 **Introduction to Art Theory**

ARTT150 Introduction to Art Theory; (3 credits) Grade Method: REG/P-F/AUD. CORE History or Theory of Arts (HA) Course. GenEd: Distributive Studies - Humanities.
Fundamental concepts of global, philosophic, and critical art theory examined through various historic and contemporary texts, and the analysis of works of art.

0301	Richard Klank **Meets May 28, 2013 - June 14, 2013** MTuWTh 7:00pm - 10:25pm	Seats (Total: 25) ASY 2203	
0601	Leslie Berns **Meets July 29, 2013 - August 16, 2013** MTuWTh 12:30pm - 3:50pm	Seats (Total: 25) EDU 1315	

ARTT169P **Special Topics in Study Abroad I; Studio Art I: Drawing and Painting Italy**
Contact department for information to register for this course.

ARTT200 **Three-Dimensional Art Fundamentals**

ARTT200 Three-Dimensional Art Fundamentals; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: ARTT100 and ARTT110. Fundamental concepts of three-dimensional form and space examined through the manipulation and organization of various materials. Students must pay a $40.00 laboratory studio fee.

0101	Foon Sham	Seats (Total: 16)	
	Meets May 28, 2013 - July 7, 2013		
	MTuWTh 12:00pm - 3:15pm	ASY 1311	Lab

ARTT208W **Intermediate Special Topics in Art; Introduction to Watercolor and Water Based Media**

ARTT208W Intermediate Special Topics in Art: Introduction to Watercolor and Water Based Media; (3 credits) Grade Method: REG/P-F/AUD.
There is a special fee of $40.00 required for this course.

0301	Richard Klank	Seats (Total: 9)	
	Meets May 28, 2013 - June 14, 2013		
	MTuWTh 12:30pm - 6:45pm	ASY 2315	Lab

ARTT210 **Elements of Drawing II**

ARTT210 Elements of Drawing II; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: ARTT110. Continuation of ARTT110 with additional emphasis on color, figure drawing, and contemporary issues. Students must pay a $40.00 materials fee.

0101	Lauren Evans	Seats (Total: 7)	
	Meets May 28, 2013 - July 7, 2013		
	MTuWTh 9:00am - 12:45pm	ASY 2321	Lab

ARTT255 **Introduction to Digital Art and Design Processes**

ARTT255 Introduction to Digital Art and Design Processes; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: ARTT100 and ARTT110. Credit only granted for: ARTT255 or ARTT354. Formerly: ARTT354. Introduction to basic software and principles of digital imaging, and how they are applied to art and design. Topics covered: Digital image construction and manipulation, Vector-Based digital techniques layout, typography, etc), time-based digital techniques (video and audio composition and manipulation), and basic interactivity (web-design). Digital media used to explore visual principles established in ARTT100. Students must pay a $40 materials fee.

0401	Narendra Ratnapala **Meets July 8, 2013 - July 26, 2013** MTuWTh 9:00am - 4:30pm	Seats (Total: 9) ASY 3311E	 Lab
0501	Narendra Ratnapala **Meets June 17, 2013 - July 5, 2013** MTuWTh 9:00am - 3:15pm	Seats (Total: 14) ASY 3311E	

ARTT269I **Special Topics in Study Abroad II; Studio Art II: Drawing and Painting Italy**
Contact department for information to register for this course.

ARTT320 **Elements of Painting**

ARTT320 Elements of Painting; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: ARTT200, ARTT210, and ARTT150; or permission of ARHU-Art department. Concepts and fundamental processes of oil and/or acrylic painting. Material fee of $40.00.

0201	Dawn Gavin **Meets July 8, 2013 - August 18, 2013** MTuWTh 12:30pm - 3:45pm	Seats (Total: 8) ASY 3322	 Lab

ARTT330 **Elements of Sculpture: Metal Casting**

ARTT330 Elements of Sculpture: Metal Casting; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: ARTT200, ARTT210, and ARTT150; or permission of ARHU-Art department. Sculptural concepts and fundamental processes related to metal casting. Also offered as SUMM010. Students must pay a $40.00 materials fee.

0301	Steven Jones	Seats (Total: 7)	
	Meets May 28, 2013 - June 14, 2013		
	MTuWTh 2:00pm - 8:15pm	ASY 1310	Lab

ARTT333 **Elements of Sculpture: Wood and Mixed Media**

ARTT333 Elements of Sculpture: Wood and Mixed Media; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: ARTT200, ARTT210, and ARTT150; or permission of ARHU-Art department. Sculptural concepts and fundamental processes using wood and mixed media. Students must pay a $40.00 laboratory studio fee.

0101	Foon Sham	Seats (Total: 12)	
	Meets May 28, 2013 - July 7, 2013		
	MTuWTh 3:15pm - 6:30pm	ASY 1311	Lab

ARTT343 **Elements of Printmaking: Screen Printing**

ARTT343 Elements of Printmaking: Screen Printing; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: ARTT200, ARTT210, and ARTT150; or permission of ARHU-Art department. Concepts and fundamental processes related to silkscreen printing. Students must pay a $40.00 materials fee.

0301	Justin Strom	Seats (Total: 12)	
	Meets May 28, 2013 - June 14, 2013		
	MTuWTh 10:00am - 4:15pm	ASY 1317	Lab

ARTT353 **Elements of Photography**
Contact department for information to register for this course.

ARTT369A **Special Topics in Study Abroad III; Focus: Introduction to Digital Photography as Fine Art**
Contact department for information to register for this course.

ARTT369D **Special Topics in Study Abroad III; Design: London**
Contact department for information to register for this course.

ARTT369L **Special Topics in Study Abroad III; Writing with Light**

Contact department for information to register for this course.

ARTT369T **Special Topics in Study Abroad III; Travel Photography**
Contact department for information to register for this course.

ARTT386 **Experiential Learning**

ARTT386 *(PermReq)* **Experiential Learning; (3-6 credits)** Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: Permission of ARHU-Art department. Restriction: Junior standing or higher.

Contact department for information to register for this course.

ARTT418 **Advanced Drawing Studio**

ARTT418 Advanced Drawing Studio; (3 credits) Grade Method: REG/P-F/AUD.
Students must pay a $40.00 materials fee.

0101	Lauren Evans	Seats (Total: 8)	
	Meets May 28, 2013 - July 7, 2013		
	MTuWTh 9:00am - 12:15pm	ASY 2321	Lab

ARTT418B **Advanced Drawing Studio; Focus on Watercolor Wash**

ARTT418B Advanced Drawing Studio: Focus on Watercolor Wash; (3 credits)
Grade Method: REG/P-F/AUD.
Students must pay a $40.00 materials fee.

0301	Richard Klank	Seats (Total: 18)	
	Meets May 28, 2013 - June 14, 2013		
	MTuWTh 12:30pm - 6:45pm	ASY 2315	Lab

ARTT428 **Advanced Painting Studio; Advance Painting**

ARTT428 Advanced Painting Studio: Advance Painting; (3 credits) Grade Method: REG/P-F/AUD.
Material fee of $40.00.

0201	Dawn Gavin	Seats (Total: 5)	
	Meets July 8, 2013 - August 18, 2013		
	MTuWTh 12:30pm - 3:45pm	ASY 3322	Lab

ARTT428A **Advanced Painting Studio; Water Color and Water Based Media**

ARTT428A Advanced Painting Studio: Water Color and Water Based Media; (3 credits) Grade Method: REG/P-F/AUD.
There is a special fee of $40.00 required for this course.

0301	Richard Klank	Seats (Total: 9)	
	Meets May 28, 2013 - June 14, 2013		
	MTuWTh 1:00pm - 6:00pm	ASY 2315	

ARTT438D **Advanced Sculpture Studio; Wood and Mixed Media**

ARTT438D Advanced Sculpture Studio: Wood and Mixed Media; (3 credits)
Grade Method: REG/P-F/AUD.
Students must pay a $40.00 laboratory studio fee.

0101	Foon Sham	Seats (Total: 2)	
	Meets May 28, 2013 - July 7, 2013		
	MTuWTh 3:15pm - 6:30pm	ASY 1311	Lab

ARTT448E **Advanced Printmaking Studio; Advanced Screen Printing**

ARTT448E Advanced Printmaking Studio: Advanced Screen Printing; (3 credits)
Grade Method: REG/P-F/AUD.
Students must pay a $40.00 materials fee.

0301	Justin Strom	Seats (Total: 8)	
	Meets May 28, 2013 - June 14, 2013		
	MTuWTh 10:00am - 4:15pm	ASY 1317	Lab

ARTT460 **Seminar in Art Theory**
Contact department for information to register for this course.

ARTT468B **Seminar on the Interrelationship Between Art and Art Theory; Issues in Contemporary Art**

ARTT468B Seminar on the Interrelationship Between Art and Art Theory: Issues in Contemporary Art; (3 credits) Grade Method: REG/P-F/AUD.

0301	Richard Klank	Seats (Total: 20)	
	Meets May 28, 2013 - June 14, 2013		
	MTuWTh 7:00pm - 10:25pm	ASY 2203	

ARTT479B **Advanced Digital Media Studio**

ARTT479B Advanced Digital Media Studio; (3 credits) Grade Method: REG/P-F/AUD.
Students must pay a $40 materials fee.

0401	Narendra Ratnapala	Seats (Total: 5)	
	Meets July 8, 2013 - July 26, 2013		
	MTuWTh 9:00am - 3:15pm	ASY 3311E	

ARTT489J **Advanced Special Topics in Art; Metal Casting**

ARTT489J Advanced Special Topics in Art: Metal Casting; (3 credits) Grade Method: REG/P-F/AUD.
Material fee of $40.00.

0301	Steven Jones	Seats (Total: 7)	
	Meets May 28, 2013 - June 14, 2013		
	MTuWTh 2:00pm - 8:15pm	ASY 1310	Lab

ARTT489N **Advanced Special Topics in Art; Design in Illustration**

ARTT489N Advanced Special Topics in Art: Design in Illustration; (3 credits) Grade Method: REG/P-F/AUD.
Students must pay a $40.00 laboratory studio fee.

0301	James Thorpe	Seats (Total: 20)	
	Meets May 28, 2013 - June 14, 2013		
	MTuWTh 10:00am - 4:15pm	ASY 2322	Lab

ARTT498A **Directed Studies in Studio Art**

ARTT498A *(PermReq)* **Directed Studies in Studio Art; (3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Students must pay a $40.00 materials fee.

Contact department for information to register for this course.

ARTT628 **Painting**

ARTT628 Painting; (3 credits) Grade Method: REG/AUD.
There is a $60 lab fee for this course.

0301	Richard Klank	Seats (Total: 5)
	Meets May 28, 2013 - June 14, 2013	
	MTuWTh 1:00pm - 6:00pm	ASY 2315

ARTT698A **Directed Graduate Studies in Studio Art**

ARTT698A Directed Graduate Studies in Studio Art; (1-4 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Students must pay a $60.00 studio lab fee.

Contact department for information to register for this course.

ARTT698B **Directed Graduate Studies in Studio Art**

ARTT698B Directed Graduate Studies in Studio Art; (1-4 credits) Grade Method: REG/AUD.
Material fee of $60.00.

0205	Dawn Gavin	Seats (Total: 10)
	Meets July 8, 2013 - August 18, 2013	
	Contact instructor or department for details.	

ARTT698C **Directed Graduate Studies in Studio Art**

ARTT698C Directed Graduate Studies in Studio Art; (1-4 credits) Grade Method: REG/AUD.
Students must pay a $60.00 Materials fee.

0301	Steven Jones	Seats (Total: 3)
	Meets May 28, 2013 - June 14, 2013	
	MTuWTh 3:00pm - 7:00pm	ASY 1310

ARTT698W **Directed Graduate Studies in Studio Art; Water Color and Water Based Media**

ARTT698W Directed Graduate Studies in Studio Art: Water Color and Water Based Media; (3 credits) Grade Method: REG/AUD.
There is a special fee of $60.00 required for this course.

0301	Richard Klank	Seats (Total: 5)
	Meets May 28, 2013 - June 14, 2013	
	MTuWTh 1:00pm - 6:00pm	ASY 2315

ASTR Astronomy Summer 2013

ASTR100 **Introduction to Astronomy**

ASTR100 Introduction to Astronomy; (3 credits) Grade Method: REG/P-F/AUD. CORE Physical Science (PS) Course. GenEd: Distributive Studies - Natural Sciences. *Credit only granted for: ASTR100, ASTR101, or ASTR120.* An elementary course in descriptive astronomy, especially appropriate for non-science students. Topics include the Sun, Moon, planets, stars, and nebulae, galaxies, and evolution of the Universe.

0101	Alice Olmstead	Seats (Total: 20)
	Meets May 28, 2013 - July 7, 2013	
	MTuWThF 11:00am - 12:20pm	CSS 0201
0201	James Hunt	Seats (Total: 20)
	Meets July 8, 2013 - August 18, 2013	
	MTuWThF 9:30am - 10:50am	CSS 2400

ASTR101 **General Astronomy**

ASTR101 General Astronomy; (4 credits) Grade Method: REG/P-F/AUD. CORE Physical Science Lab (PL) Course. GenEd: Distributive Studies - Natural Science Lab. *Credit only granted for: ASTR100, ASTR101, or ASTR120.* Descriptive astronomy, appropriate for non-science majors. Sun, moon, planets, stars, nebulae, galaxies and evolution. Laboratory exercises include use of photographic material, computer simulations, and standard laboratory equipment. Students must pay a $50.00 Laboratory Materials fee.

0201	James Hunt	Seats (Total: 20)	
	Meets July 8, 2013 - August 18, 2013		
	MTuWThF 9:30am - 10:50am	CSS 2400	
	TuTh 11:00am - 1:00pm	CSS 1109	Lab

ASTR300 **Stars and Stellar Systems**

ASTR300 Stars and Stellar Systems; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - Natural Sciences.
Prerequisite: Completion of the CORE Distributive Studies requirement in Mathematics and Sciences; or completion of the General Education Fundamental Studies requirement in Mathematics; or permission of CMNS-Astronomy department. Designed primarily for non-science majors. Study of stars-types, properties, evolution, and distribution in space; supernovae, pulsars, and black holes.

0101	Rob Olling	Seats (Total: 20)	
	Meets May 28, 2013 - July 7, 2013		
	MTuWThF 9:30am - 10:50am	CSS 0201	

ASTR699 **Special Problems in Advanced Astronomy**

ASTR699 Special Problems in Advanced Astronomy; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ASTR898 **Pre-Candidacy Research**

ASTR898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ASTR899 **Doctoral Dissertation Research**

ASTR899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BCHM Biochemistry Summer 2013

BCHM461 **Biochemistry I**

BCHM461 Biochemistry I; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: Minimum grade of C- in CHEM271 and CHEM272; or minimum grade of C- in CHEM276 and CHEM277. Credit only granted for: BCHM461 or BCHM463.* First semester of a comprehensive introduction to modern biochemistry. Structure, chemical properties, and function of proteins and enzymes, carbohydrates, lipids, and nucleic acids. Basic enzyme kinetics and catalytic mechanisms.

0101	Bonnie Dixon	Seats (Total: 100)
	Meets May 28, 2013 - July 7, 2013	
	MTuWThF 9:30am - 10:50am	CHM 1407

BCHM462 **Biochemistry II**

BCHM462 Biochemistry II; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: Minimum grade of C- in BCHM461. Credit only granted for: BCHM462 or BCHM463.* A continuation of BCHM 461. Metabolic pathways and metabolic regulation, energy transduction in biological systems, enzyme catalytic mechanisms.

0201	Douglas Julin	Seats (Total: 100)
	Meets July 8, 2013 - August 18, 2013	
	MTuWThF 9:30am - 10:50am	BPS 1243

BCHM463 **Biochemistry of Physiology**

BCHM463 Biochemistry of Physiology; (3 credits) Grade Method: REG/AUD. *Prerequisite: Minimum grade of C- in CHEM271 and CHEM272; or minimum grade of C- in CHEM276 and CHEM277. Credit only granted for: BCHM461, BCHM462 or BCHM463.* A one-semester introduction to general biochemistry. A study of protein structure, enzyme catalysis, metabolism, and metabolic regulation with respect to their relationship to physiology.

0201	Jason Kahn	Seats (Total: 50)
	Meets July 8, 2013 - August 18, 2013	
	MTuWThF 11:00am - 12:20pm	BPS 1243

BCHM699 **Special Problems in Biochemistry**

BCHM699 Special Problems in Biochemistry; (1-6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BCHM799 **Master's Thesis Research**

BCHM799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BCHM898 **Pre-Candidacy Research**

BCHM898 Pre-Candidacy Research; (1 credit) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BCHM899 **Doctoral Dissertation Research**

BCHM899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BEES Behavior, Ecology, Evolution and Systematics Summer 2013

BEES799 **Master's Thesis Research**

BEES799 Master's Thesis Research; (1-6 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BEES899 **Doctoral Dissertation Research**

BEES899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F.

0101	Instructor: TBA **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 20)
0201	Instructor: TBA **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 20)

BIOE Bioengineering Summer 2013

BIOE120 **Biology for Engineers**

BIOE120 Biology for Engineers; (3 credits) Grade Method: REG/P-F/AUD. *Restriction: Permission of ENGR-Fischell Department of Bioengineering department.* Introduction to the functions and interactions of biological systems from a quantitative perspective. Introduction to the modern experimental techniques and methods of data analysis. Roles for bioengineers in biology, and the role of biology in bioengineering will be elucidated.

0101	Idalis Villanueva **Meets May 28, 2013 - July 7, 2013** MWF 1:00pm - 3:40pm	Seats (Total: 40) CHE 2136

BIOE160 **Biopharmaceutical Production**

BIOE160 *(PermReq)* **Biopharmaceutical Production; (3 credits)** Grade Method: REG/P-F/AUD.
Restriction: Permission of ENGR-Fischell Department of Bioengineering department; and must be in the Young Scholars Program. Credit only granted for: BIOE168 or BIOE160. Formerly: BIOE168. Focuses on the basics of recombinant DNA technology as applied to biopharmaceutical manufacturing in a classroom setting. Students will work through a "production campaign" including all key steps of manufacturing a protein product.

YS41	Ben Woodard, Kevin Knapstein	Seats (Total: 16)	
	Meets July 8, 2013 - July 26, 2013		
	MTuWThF 9:00am - 9:50am	CHE 2108	
	MTuWThF 10:00am - 12:50pm	CHE 1203	Lab
	This is part of the Young Scholars Program. By permission only.		
YS42	Ben Woodard, Kevin Knapstein	Seats (Total: 16)	
	Meets July 8, 2013 - July 26, 2013		
	MTuWThF 9:00am - 9:50am	CHE 2108	
	MTuWThF 2:00pm - 4:50pm	CHE 1203	Lab
	Please access the Summer Programs Website for further information.		

BIOE689 **Special Topics in Bioengineering**

BIOE689 Special Topics in Bioengineering; (1-3 credits) Grade Method: REG.

0205	Peter Kofinas	Seats (Total: 3)
	Meets July 8, 2013 - August 18, 2013	
	Contact instructor or department for details.	

BIOE689E **Special Topics in Bioengineering; Microscopic Structure and Function of Cells, Tissue and Organs**

BIOE689E Special Topics in Bioengineering: Microscopic Structure and Function of Cells, Tissue and Organs; (3 credits) Grade Method: REG.
This course is restricted to Professional Master of Engineering or Graduate Certificate of Engineering students only.

BI01	Peter Andrews	Seats (Total: 30)	
	Meets May 28, 2013 - July 12, 2013		
	Class time/details on ELMs	ONLINE	

BIOE799 **Master's Thesis Research**

BIOE799 *(PermReq)* **Master's Thesis Research; (1-6 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BIOE898 **Pre-Candidacy Research**

BIOE898 *(PermReq)* **Pre-Candidacy Research; (1-8 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BIOE899 **Doctoral Dissertation Research**

BIOE899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BIOL Biology Summer 2013

BIOL609 **Special Problems in Biology**

BIOL609 Special Problems in Biology; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BIOL799 **Master's Thesis Research**

BIOL799 Master's Thesis Research; (1-6 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BIOL898 **Pre-Candidacy Research**

BIOL898 *(PermReq)* **Pre-Candidacy Research; (1-8 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BIOL899 **Doctoral Dissertation Research**

BIOL899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F.

0101	Instructor: TBA **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 20)
0201	Instructor: TBA **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 20)

BISI Biological Sciences Summer 2013

BISI899 **Doctoral Dissertation Research**

BISI899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F.

0101	Instructor: TBA **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 20)
0201	Instructor: TBA **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 20)

BMGT Business and Management Summer 2013

BMGT110 **Introduction to the Business Value Chain**

BMGT110 Introduction to the Business Value Chain; (3 credits) Grade Method: REG/P-F/AUD. CORE Interdisciplinary & Emerging Issues (IE) Course.
Students are provided with an introduction to the business value chain with an emphasis on inter-organizational and intra-organizational coordination of core business processes. Emphasis is on cross-functional integration and the efficient and effective management of core processes with an emphasis on marketing, operations and supply chain management. All course material is delivered online. In-class comprehensive final exam scheduled for August 16, 2013 at 6:30pm in Van Munching Hall.

WB20	Hugh Turner	Seats (Total: 45)
	Meets July 8, 2013 - August 18, 2013	
	Class time/details on ELMs	ONLINE
	Click here for more information.	

BMGT220 **Principles of Accounting I**

BMGT220 Principles of Accounting I; (3 credits) Grade Method: REG.
Basic theory and techniques of contemporary financial accounting. Includes the accounting cycle and the preparation of financial statements for single owner and partnership forms of business organizations operating as service companies or merchandisers.

0101	Congcong Li	Seats (Total: 40)
	Meets May 28, 2013 - July 7, 2013	
	MTuWTh 12:30pm - 2:15pm	VMH 1336

BMGT221 **Principles of Accounting II**

BMGT221 Principles of Accounting II; (3 credits) Grade Method: REG.
Prerequisite: BMGT220. Basic theory and techniques of accounting for managerial decision making. Involves the introduction of the corporation and manufacturing operations. Includes cost-volume-profit analysis and capital budgeting. Introduces the topics of income taxation and international accounting.

0301	Gregory Pfeiffer	Seats (Total: 40)
	Meets May 28, 2013 - June 14, 2013	
	MTuWTh 10:00am - 1:25pm	VMH 1412

BMGT230 **Business Statistics**

BMGT230 Business Statistics; (3 credits) Grade Method: REG. GenEd: Fundamental Studies - Analytic Reasoning.
Prerequisite: MATH113 or MATH115; or must have math eligibility of MATH220 or higher. Restriction: Must not have completed ENCE302, ENME392, STAT400, BMGT231, or ENEE324. Credit only granted for: BIOM301, BMGT230, CCJS200, ECON321, EDMS451, GEOG306, GVPT422, PSYC200 or SOCY201. Introductory course in probabilistic and statistical concepts including descriptive statistics, set-theoretic development of probability, the properties of discrete and continuous random variables, sampling theory, estimation, hypothesis testing, regression and decision theory and the application of these concepts to problem solving in business and the application of these concepts to problem solving in business and management.

0301	Francis Alt	Seats (Total: 35)
	Meets May 28, 2013 - June 14, 2013	
	MTuWTh 10:00am - 1:25pm	VMH 1335

BMGT289I **Why Good Managers Make Bad Decisions**

BMGT289I Why Good Managers Make Bad Decisions; (3 credits) Grade Method: REG/P-F/AUD. CORE Mathematics or Formal Reasoning (MS) Course. GenEd: Distributive Studies - Scholarship in Practice; Signature Courses - I-Series.

0601	Jeff Miller	Seats (Total: 10)
	Meets July 29, 2013 - August 16, 2013	
	MTuWTh 10:00am - 1:20pm	VMH 1412
FF61	Jeff Miller	Seats (Total: 10)
	Meets July 29, 2013 - August 16, 2013	
	MTuWTh 10:00am - 1:20pm	VMH 1412
	Restricted to students in Freshman First. For Program information click here .	

BMGT311 **Intermediate Accounting II**

BMGT311 Intermediate Accounting II; (3 credits) Grade Method: REG.
Prerequisite: BMGT310. Continuation of BMGT310.

0101	Robert Kovarik **Meets May 28, 2013 - July 7, 2013** MW 1:00pm - 4:45pm	Seats (Total: 40) VMH 1333

BMGT340 **Business Finance**

BMGT340 Business Finance; (3 credits) Grade Method: REG.
Prerequisite: BMGT221; and (BMGT231 or BMGT230). Topics include: the principles and practices involved in the organization, financing and rehabilitation of business enterprises; the various types of securities and their use in raising funds, apportioning income, risk and control; intercorporate relations; and new developments. Emphasis on solution of problems of financial policy faced by management.

0101	Elinda Kiss **Meets May 28, 2013 - July 7, 2013** TuTh 5:40pm - 9:00pm	Seats (Total: 40) VMH 1333
0102	Elinda Kiss **Meets May 28, 2013 - July 7, 2013** TuTh 2:00pm - 5:20pm	Seats (Total: 40) VMH 1333

BMGT350 **Marketing Principles and Organization**

BMGT350 Marketing Principles and Organization; (3 credits) Grade Method: REG.
Prerequisite: ECON200 or ECON205. An introduction to the concepts and principles of marketing including the marketing of service and nonprofit organizations. Provides an overview of all the concepts in marketing including relationship marketing, product development, pricing, promotion, marketing research, consumer behavior, international marketing, distribution and internal marketing to employees.

0201	Roxanne Lefkoff **Meets July 8, 2013 - August 18, 2013** TuTh 6:30pm - 9:40pm	Seats (Total: 40) VMH 1335

BMGT352 **Customer-Centric Innovation**
Contact department for information to register for this course.

BMGT357 **Retailing and Marketing Internship**

BMGT357 *(PermReq)* **Retailing and Marketing Internship; (3-6 credits)** Grade Method: REG.
Prerequisite: BMGT350. Restriction: Permission of BMGT-Robert H. Smith School of Business; and must be in a major in BMGT-Robert H. Smith School of Business.
Supervised work experience with a firm engaged in marketing goods or services. Students apply concepts learned in marketing classes and analyze the firm's organizational structure, environment and marketing strategy. Click here for more course information.

I201	Mary Harms	Seats (Total: 25)
	Meets July 8, 2013 - August 18, 2013	
	Contact instructor or department for details.	

BMGT360 **Strategic Management of Human Capital**

BMGT360 Strategic Management of Human Capital; (3 credits) Grade Method: REG.
Provides students with the basic knowledge needed to help organizations attract, select, develop, engage, evaluate, and retain talent. Topics covered may include strategic HRM, the role of globalization, legal issues in HRM, work analysis, HR planning, recruitment, personnel selection, performance management and appraisal, training and development, career development, compensation systems, motivating and rewarding performance, labor relations, and employee health and safety.

0101	Joo Han	Seats (Total: 45)
	Meets May 28, 2013 - July 7, 2013	
	MW 2:00pm - 5:45pm	VMH 1335

BMGT364 **Managing People and Organizations**

BMGT364 Managing People and Organizations; (3 credits) Grade Method: REG.
An introduction to selected aspects of human behavior in organizations generally known as organizational behavior (OB). This course is designed to help students develop systematic and fundamental understanding of people and their behaviors in organizations, as well as useful abilities and skills required to effectively and ethically manage various individual, interpersonal, group, and organization-level processes.

0101	Elizabeth Bush **Meets May 28, 2013 - July 7, 2013** MW 2:00pm - 5:25pm	Seats (Total: 45) VMH 1412
0201	Brady Firth **Meets July 8, 2013 - August 18, 2013** MW 2:00pm - 5:10pm	Seats (Total: 45) VMH 1412

BMGT373 **Supply Chain Management Internship**

BMGT373 *(PermReq)* **Supply Chain Management Internship; (3 credits)** Grade Method: REG.
Prerequisite: BMGT370 or BMGT372. Restriction: Permission of BMGT-Robert H. Smith School of Business. Involves supervised work experience in supply chain management, logistics and/or transportation. Students will be expected to relate course material to work experience in an analysis of a firm's operations. Click here for more course information.

I201	Zuozheng Wang **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 25)

BMGT380 **Business Law I**

BMGT380 Business Law I; (3 credits) Grade Method: REG.
Legal aspects of business relationships. Examination of torts and business crimes, contracts and agency. The law of personal property and bailment relationships. Survey of public policy issues.

0201	William McClenahan **Meets July 8, 2013 - August 18, 2013** MW 6:30pm - 9:40pm	Seats (Total: 45) VMH 1412

BMGT386 **General Business Internship**

BMGT386 *(PermReq)* **General Business Internship; (3 credits)** Grade Method: REG.
Restriction: Permission of BMGT-Robert H. Smith School of Business; and must be in a major in BMGT-Robert H. Smith School of Business. Supervised work experience in business. Students will be expected to relate course material to work experience in an analysis of a firm's operations. Click here for more course information.

I201	Hugh Turner	Seats (Total: 25)
	Meets July 8, 2013 - August 18, 2013	
	Contact instructor or department for details.	

BMGT392 **Introduction to International Business Management**
Contact department for information to register for this course.

BMGT398 **Individual Study in Business and Management**

BMGT398 *(PermReq)* **Individual Study in Business and Management; (1-3 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BMGT417 **Taxation of Corporations, Partnerships and Estates**

BMGT417 Taxation of Corporations, Partnerships and Estates; (3 credits) Grade Method: REG.
Prerequisite: BMGT221. Federal taxation of corporations using the life-cycle approach-formation, operation, assessment, merger, reorganization and liquidation. Overviews of pass-through entities - partnerships and s-corporations -using the life-cycle approach, and the tax consequences of wealth transfers by individuals - gift and estate taxation. Both tax planning and compliance issues are addressed.

0101	Eugene Cantor	Seats (Total: 40)
	Meets May 28, 2013 - July 7, 2013	
	MW 6:15pm - 10:00pm	VMH 1335

BMGT422 **Auditing Theory and Practice**

BMGT422 Auditing Theory and Practice; (3 credits) Grade Method: REG. *Prerequisite: BMGT221.* A study of the independent accountant's attest function, generally accepted auditing standards, compliance and substantive tests and report forms and opinions.

0101	Samuel Handwerger	Seats (Total: 40)
	Meets May 28, 2013 - July 7, 2013	
	TuTh 6:30pm - 9:40pm	VMH 1336

BMGT446 **International Finance**

BMGT446 International Finance; (3 credits) Grade Method: REG. *Prerequisite: BMGT340.* Financial management from the perspective of the multinational corporation. Topics covered include the organization and functions of foreign exchange and international capital markets, international capital budgeting, financing foreign trade and designing a global financing strategy. Emphasis of the course is on how to manage exchange and political risks while maximizing benefits from global opportunity sets faced by the firm.

0101	Wei Li	Seats (Total: 40)
	Meets May 28, 2013 - July 7, 2013	
	TuTh 5:00pm - 8:45pm	VMH 1335

BMGT448M **Special Topics in Finance; Social Entrepreneurship in Nicaragua**
Contact department for information to register for this course.

BMGT450 **Integrated Marketing Communications**
Contact department for information to register for this course.

BMGT454 **Global Marketing**
Contact department for information to register for this course.

BMGT455 **Sales Management**
Contact department for information to register for this course.

BMGT458D **Special Topics in Marketing; Organizational Communication in Italy**
Contact department for information to register for this course.

BMGT463 **Cross-cultural Challenges in Business**

Contact department for information to register for this course.

BMGT468O **Special Topics in Management and Organization; Doing Business in Italy & Germany: European Entrepreneurship**

Contact department for information to register for this course.

BMGT488Y **Special Topics in Logistics, Business, and Public Policy; Corporate Social Responsibility and Sustainable Business Practices**

Contact department for information to register for this course.

BMGT495 **Business Policies**

BMGT495 Business Policies; (3 credits) Grade Method: REG. CORE Capstone (CS) Course. GenEd: Distributive Studies - Scholarship in Practice.
Prerequisite: BMGT364, BMGT350, and BMGT340. Restriction: Must be in a major in BMGT-Robert H. Smith School of Business. A case study course where students apply what they have learned of general management principles and their specialized functional applications to the overall management function in the enterprise. This course is restricted to graduating BMGT majors with 90 credit hours completed.

0101	Daniel Olson **Meets May 28, 2013 - July 7, 2013** MW 6:15pm - 10:00pm	Seats (Total: 35) VMH 1333
0201	Gosia Langa **Meets July 8, 2013 - August 18, 2013** TuTh 2:00pm - 5:10pm	Seats (Total: 35) VMH 1333

BMGT828 **Independent Study in Business and Management**

BMGT828 *(PermReq)* **Independent Study in Business and Management; (1-9 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.
By permission only of the Graduate Director.

Contact department for information to register for this course.

BMGT898 **Pre-Candidacy Research**

BMGT898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BMGT899 **Doctoral Dissertation Research**

BMGT899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.
Contact Graduate Program Director to make arrangements.

Contact department for information to register for this course.

BSCI Biological Sciences Program Summer 2013

BSCI105 **Principles of Biology I**

The following courses may involve the use of animals. Students who are concerned about the use of animals in teaching have the responsibility to contact the instructor, prior to course enrollment, to determine whether animals are to be used in the course, whether class exercises involving animals are optional or required and what alternatives, if any, are available.

BSCI105 Principles of Biology I; (4 credits) Grade Method: REG/P-F/AUD. CORE Life Science Lab (LL) Course. GenEd: Distributive Studies - Natural Science Lab. *Prerequisite: Must have math eligibility of MATH220, MATH130, or MATH140. Recommended: For Science majors.* Basic principles of biology with special emphasis on cellular and molecular biology. Students must pay a $40.00 laboratory materials fee.

0101	James Sniezek	Seats (Total: 22)	
	Meets May 28, 2013 - July 7, 2013		
	TuTh 5:30pm - 8:30pm	BPS 1250	
	MW 11:00am - 2:00pm	HJP 1226	Lab
0103	James Sniezek	Seats (Total: 22)	
	Meets May 28, 2013 - July 7, 2013		
	TuTh 5:30pm - 8:30pm	BPS 1250	
	MW 2:00pm - 5:00pm	HJP 1235	Lab

0105	James Sniezek	Seats (Total: 22)	
	Meets May 28, 2013 - July 7, 2013		
	TuTh 5:30pm - 8:30pm	BPS 1250	
	MW 6:00pm - 9:00pm	HJP 1235	Lab

BSCI105M **Principles of Biology I**

BSCI105M *(PermReq)* **Principles of Biology I; (4 credits)** Grade Method: REG/P-F/AUD. CORE Life Science Lab (LL) Course. GenEd: Distributive Studies - Natural Science Lab.
Prerequisite: Must have math eligibility of MATH220, MATH130, or MATH140. Recommended: For Science majors. Basic principles of biology with special emphasis on cellular and molecular biology.

0105	James Sniezek	Seats (Total: 10)	
	Meets May 28, 2013 - July 7, 2013		
	TuTh 5:30pm - 8:30pm	BPS 1250	

BSCI106 **Principles of Biology II**

BSCI106 Principles of Biology II; (4 credits) Grade Method: REG/P-F/AUD. CORE Life Science Lab (LL) Course. GenEd: Distributive Studies - Natural Science Lab.
Prerequisite: Must have math eligibility of MATH220, MATH130, or MATH140. Restriction: For science majors. Basic principles of biology with special emphasis on organismal, ecological and evolutionary biology. Students must pay a $40.00 laboratory materials fee.

0201	Marjorie Reaka	Seats (Total: 21)	
	Meets July 8, 2013 - August 18, 2013		
	MTuWThF 11:00am - 12:20pm	PLS 1130	
	TuTh 8:00am - 10:50am	HJP 3217	Lab
0202	Marjorie Reaka	Seats (Total: 21)	
	Meets July 8, 2013 - August 18, 2013		
	MTuWThF 11:00am - 12:20pm	PLS 1130	
	TuTh 1:00pm - 4:00pm	HJP 3217	Lab

BSCI106M **Principles of Biology II**

BSCI106M *(PermReq)* **Principles of Biology II; (4 credits)** Grade Method: REG/P-F/AUD. CORE Life Science Lab (LL) Course. GenEd: Distributive Studies - Natural Science Lab.
Prerequisite: Must have math eligibility of MATH220, MATH130, or MATH140.
Restriction: For science majors. Basic principles of biology with special emphasis on organismal, ecological and evolutionary biology. Permission required

0202	Marjorie Reaka	Seats (Total: 5)	
	Meets July 8, 2013 - August 18, 2013		
	MTuWThF 11:00am - 12:20pm	PLS 1130	

BSCI135 **Amazing Green: Plants that Transformed the World**

BSCI135 Amazing Green: Plants that Transformed the World; (4 credits) Grade Method: REG/P-F/AUD. CORE Life Science Lab (LL) Course. GenEd: Distributive Studies - Natural Science Lab; Signature Courses - I-Series.
An interactive way to learn about plants and science, focusing on how plants have changed human history, the biology of their growth, and the science behind their use.

0101	Edgar Moctezuma	Seats (Total: 24)	
	Meets May 28, 2013 - July 7, 2013		
	MTuWThF 11:00am - 12:20pm	HJP 3237	
	TuTh 1:00pm - 3:00pm	HJP 3237	Lab

BSCI201 **Human Anatomy and Physiology I**

BSCI201 Human Anatomy and Physiology I; (4 credits) Grade Method: REG/P-F/AUD. CORE Life Science Lab (LL) Course. GenEd: Distributive Studies - Natural Science Lab.
Prerequisite: BSCI105; or students who have taken courses with comparable content may contact the department. Anatomy and physiology of the skeletal, muscular, neural, endocrine, and sensory systems. Course not acceptable toward major requirements in Biological Sciences, Chemistry or Biochemistry. Students must pay a $40.00 Laboratory Materials fee. (Sponsoring Department: BIOL.)

0101	Justicia Opoku-Edusei	Seats (Total: 24)	
	Meets May 28, 2013 - July 7, 2013		
	MTuWTh 11:00am - 12:40pm	PHY 1410	
	TuWTh 8:00am - 10:50am	BPS 0205	Lab

0102	Justicia Opoku-Edusei **Meets May 28, 2013 - July 7, 2013** MTuWTh 11:00am - 12:40pm TuWTh 1:00pm - 3:50pm	Seats (Total: 24) PHY 1410 BPS 0205	 Lab
0104	Justicia Opoku-Edusei **Meets May 28, 2013 - July 7, 2013** MTuWTh 11:00am - 12:40pm TuWTh 8:00am - 10:50am	Seats (Total: 24) PHY 1410 BPS 0201	 Lab
0105	Justicia Opoku-Edusei **Meets May 28, 2013 - July 7, 2013** MTuWTh 11:00am - 12:40pm TuWTh 1:00pm - 3:50pm	Seats (Total: 24) PHY 1410 BPS 0201	 Lab

BSCI202 **Human Anatomy and Physiology II**

BSCI202 Human Anatomy and Physiology II; (4 credits) Grade Method: REG/P-F/AUD.
Prerequisite: BSCI201; or permission of CMNS-Biology department. Anatomy and physiology of the cardiovascular, respiratory, immune, digestive, urinary and reproductive systems. Course not acceptable toward major requirements in Biological Sciences, Chemistry or Biochemistry. Students must pay a $40.00 Laboratory Materials fee. Sponsoring Department: BIOL.

0201	Tammatha O'Brien **Meets July 8, 2013 - August 18, 2013** MTuWTh 11:00am - 12:40pm TuWTh 8:00am - 10:50am	Seats (Total: 24) BPS 1250 BPS 0205	 Lab
0202	Tammatha O'Brien **Meets July 8, 2013 - August 18, 2013** MTuWTh 11:00am - 12:40pm TuWTh 1:00pm - 3:50pm	Seats (Total: 24) BPS 1250 BPS 0205	 Lab
0204	Tammatha O'Brien **Meets July 8, 2013 - August 18, 2013** MTuWTh 11:00am - 12:40pm TuWTh 8:00am - 10:50am	Seats (Total: 24) BPS 1250 BPS 0201	 Lab

0205	Tammatha O'Brien	Seats (Total: 24)	
	Meets July 8, 2013 - August 18, 2013		
	MTuWTh 11:00am - 12:40pm	BPS 1250	
	TuWTh 1:00pm - 3:50pm	BPS 0201	Lab

BSCI222 **Principles of Genetics**

BSCI222 Principles of Genetics; (4 credits) Grade Method: REG/P-F/AUD. *Prerequisite: CHEM131, CHEM132, BSCI106, and BSCI105. Or BSCI105; and must have completed two semesters of chemistry.* Principles and mechanisms of heredity and gene expression. Considers plant, animal, and microbial organisms.

0101	David Straney	Seats (Total: 30)	
	Meets May 28, 2013 - July 7, 2013		
	MTuWThF 1:00pm - 2:20pm	BPS 1250	
	TuThF 3:00pm - 5:00pm	BPS 1236	Discussion
0102	David Straney	Seats (Total: 10)	
	Meets May 28, 2013 - July 7, 2013		
	MTuWThF 1:00pm - 2:20pm	BPS 1250	
	TuThF 3:00pm - 5:00pm	BPS 0283	Discussion

BSCI223 **General Microbiology**

BSCI223 General Microbiology; (4 credits) Grade Method: REG/P-F/AUD. CORE Life Science Lab (LL) Course. GenEd: Distributive Studies - Natural Science Lab; Signature Courses - I-Series.
Prerequisite: BSCI105. Fundamental concepts in morphology, physiology, genetics, immunology, ecology, and pathogenic microbiology. Applications of microbiology to medicine, the food industry and biotechnology. Students must pay a $40.00 laboratory materials fee.

0101	John Buchner	Seats (Total: 14)	
	Meets May 28, 2013 - July 7, 2013		
	MTuWThF 11:00am - 11:50am	MCB 1207	
	MTuWThF 12:30pm - 2:30pm	MCB 1201	Lab

0102	John Buchner	Seats (Total: 13)	
	Meets May 28, 2013 - July 7, 2013		
	MTuWThF 11:00am - 11:50am	MCB 1207	
	MTuWThF 12:30pm - 2:30pm	MCB 1205	Lab
0103	John Buchner	Seats (Total: 13)	
	Meets May 28, 2013 - July 7, 2013		
	MTuWThF 11:00am - 11:50am	MCB 1207	
	MTuWThF 12:30pm - 2:30pm	MCB 1206	Lab

BSCI279 **Supplemental Study; Supplemental Study in Biology**

BSCI279 *(PermReq)* **Supplemental Study: Supplemental Study in Biology; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.
(Sponsoring Department: BIOL.)

Contact department for information to register for this course.

BSCI279A **Supplemental Study; Study in Australia**
Contact department for information to register for this course.

BSCI279E **Supplemental Study; Environmental Biology**

BSCI279E Supplemental Study: Environmental Biology; (3 credits) Grade Method: REG/P-F/AUD.
This Course will explore adaptation and natural selection; organismic, population, community, and ecosystem ecology; and human impact on natural systems

YS41	Karen Nelson	Seats (Total: 24)	
	Meets July 8, 2013 - July 26, 2013		
	MTuWThF 9:30am - 12:00pm	PLS 1180	
	TuTh 2:00pm - 4:30pm	PLS 1113	Discussion
	This section is part of The Young Scholars Program. Enrollment by permission only.		

BSCI279G **Supplemental Study; Natural History, Ecology and Geology of Australia**
Contact department for information to register for this course.

BSCI279L **Supplemental Study; Biology I Laboratory**

BSCI279L *(PermReq)* **Supplemental Study: Biology I Laboratory; (1-3 credits)** Grade Method: REG/P-F/AUD.

0101	Michael Keller **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 5)

BSCI279N **Supplemental Study; Biology II Laboratory**

BSCI279N *(PermReq)* **Supplemental Study: Biology II Laboratory; (1-3 credits)** Grade Method: REG/P-F/AUD.

0201	Hans Lemke **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 5)

BSCI289 **Off-Campus Internship**

BSCI289 *(PermReq)* **Off-Campus Internship; (1-3 credits)** Grade Method: S-F.

I101	Katerina Thompson **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
I201	Katerina Thompson **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)

BSCI330 **Cell Biology and Physiology**

BSCI330 Cell Biology and Physiology; (4 credits) Grade Method: REG/P-F/AUD. *Prerequisite: Minimum grade of C- in CHEM131, CHEM132, and BSCI105. Restriction: Must not have completed BSCI230. Credit only granted for: BSCI230 or BSCI330. Formerly: BSCI230.* Biochemical and physiological mechanisms underlying cellular function. Properties of cells which make life possible and mechanisms by which cells provide energy, reproduce, and regulate and integrate with each other and their environment. Students must pay a $40.00 lab materials fee.

0101	Hadiya Woodham, David Sandstrom **Meets May 28, 2013 - July 7, 2013** MTuWTh 11:30am - 1:10pm TuWTh 8:30am - 11:20am	Seats (Total: 24) PLS 1140 BPS 0207	 Lab

BSCI338I **Special Topics in Biology; Medical Biotechnology & Drug Development**
Contact department for information to register for this course.

BSCI338M **Special Topics in Biology; Human Health and Disease: A Clinical Approach**
Contact department for information to register for this course.

BSCI338Z **Special Topics in Biology; Field Research**

BSCI338Z *(PermReq)* **Special Topics in Biology: Field Research; (1-4 credits)**
Grade Method: REG/P-F/AUD.
(Sponsoring Department: BIOL.)

0101	Instructor: TBA **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0201	Instructor: TBA **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 20)
SG10	Beth Parent **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
SG20	Beth Parent **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)

BSCI348 **Special Topics in Cell Biology and Molecular Genetics**

BSCI348 Special Topics in Cell Biology and Molecular Genetics; (1-4 credits)
Grade Method: REG/P-F/AUD.

0223	Byrn Quimby	Seats (Total: 1)
	Meets July 8, 2013 - August 18, 2013	
	Contact instructor or department for details.	

BSCI348R **Special Topics in Cell Biology and Molecular Genetics; Microbiology Internship**

BSCI348R Special Topics in Cell Biology and Molecular Genetics: Microbiology Internship; (1-4 credits) Grade Method: REG/P-F/AUD.
Microbiology Internship. Opportunity for students to perform research, relating to microbiology in an off-campus laboratory. Permission of Instructor required. 3 credits applicable to MICB specialization area.

I101	David Straney	Seats (Total: 20)
	Meets May 28, 2013 - July 7, 2013	
	Contact instructor or department for details.	
I201	David Straney	Seats (Total: 20)
	Meets July 8, 2013 - August 18, 2013	
	Contact instructor or department for details.	

BSCI379 **Cell Biology and Molecular Genetics Department Research**

BSCI379 *(PermReq)* **Cell Biology and Molecular Genetics Department Research; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BSCI379G **Cell Biology and Molecular Genetics Department Research; Research in Cell Biology and Molecular Genetics**

BSCI379G *(PermReq)* **Cell Biology and Molecular Genetics Department Research: Research in Cell Biology and Molecular Genetics; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BSCI379H **Cell Biology and Molecular Genetics Department Honors Research**

BSCI379H *(PermReq)* **Cell Biology and Molecular Genetics Department Honors Research; (1-3 credits)** Grade Method: REG.
Student should consult program guidelines. Research project carried out under guidance of faculty advisor.

0201	Steven Hutcheson	Seats (Total: 30)
	Meets July 8, 2013 - August 18, 2013	
	Contact instructor or department for details.	

BSCI379M **Cell Biology and Molecular Genetics Department Research; Research in Microbiology**

BSCI379M *(PermReq)* **Cell Biology and Molecular Genetics Department Research: Research in Microbiology; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Research carried out under guidance of faculty advisor. Student must make arrangements with a CBMG Departmental faculty member to do this research and register for this course. Permission Required.

Contact department for information to register for this course.

BSCI379P **Cell Biology and Molecular Genetics Department Research; Research in Plant Biology**

BSCI379P *(PermReq)* **Cell Biology and Molecular Genetics Department Research: Research in Plant Biology; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Research carried out under guidance of faculty advisor. Student must make arrangements with a CBMG Departmental faculty member to do this research and register for this course. Permission Required.

Contact department for information to register for this course.

BSCI389 **Entomology Department Research**

BSCI389 *(PermReq)* **Entomology Department Research; (1-2 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BSCI399 **Biology Department Research**

BSCI399 *(PermReq)* **Biology Department Research; (1-3 credits)** Grade Method: REG/P-F/AUD.
(Sponsoring Department: BIOL.)

0101	Reid Compton **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 15)
0201	Reid Compton **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 20)

BSCI399H **Biology Department Honors Research**

BSCI399H *(PermReq)* **Biology Department Honors Research; (1-2 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.
A laboratory research problem; required each semester during honors participation and culminating in an honors thesis. (Sponsoring Department: BIOL.)

Contact department for information to register for this course.

BSCI410 **Molecular Genetics**

BSCI410 Molecular Genetics; (3 credits) Grade Method: REG.
Prerequisite: BSCI222. And must have completed CHEM233; or (CHEM231 and CHEM232). An advanced genetics course emphasizing the molecular basis of gene structure and function in the context of modern approaches to the genetics of humans and model organisms.

0201	Jian Wang, Javier Robalino **Meets July 8, 2013 - August 18, 2013** MTuWTh 12:00pm - 1:40pm	Seats (Total: 25) PLS 1111

BSCI414 **Recombinant DNA Laboratory**

BSCI414 Recombinant DNA Laboratory; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: BSCI222.* An advanced course offering hands-on experience in performing recombinant DNA experiments. All current molecular biology techniques used for cloning prokaryotic genes, analyzing the gene products, and modifying the genes will be performed. Techniques include isolation of DNA, use of restriction enzymes; cloning procedures, PCR analysis, and Southern hybridizations. Lecture material focuses on interpretation of results generated in the laboratory. Students must pay a $40.00 lab materials fee.

0101	Sandra Fox-Moon	Seats (Total: 20)	
	Meets May 28, 2013 - July 7, 2013		
	MTuWThF 11:00am - 3:00pm	MCB 1143	Lab

BSCI422 **Principles of Immunology**

BSCI422 Principles of Immunology; (3 credits) Grade Method: REG. *Prerequisite: BSCI223 and BSCI222. Recommended: BSCI330. Restriction: Junior standing or higher.* The immune system in health and disease. Presentation and analysis of the cellular and molecular processes that comprise the immune system.

0201	Kenneth Frauwirth	Seats (Total: 40)	
	Meets July 8, 2013 - August 18, 2013		
	MTuWThF 10:00am - 11:40am	MCB 1207	

BSCI425 **Epidemiology and Public Health**

BSCI425 Epidemiology and Public Health; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: BSCI223. History, characteristic features of epidemiology; the important responsibilities of public health; vital statistics.

WB31	Jeffrey Olimpo	Seats (Total: 23)	
	Meets May 28, 2013 - June 14, 2013		
	Class time/details on ELMs	ONLINE	

BSCI433 **Biology of Cancer**

BSCI433 Biology of Cancer; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: BSCI222 and BSCI330; or permission of CMNS-Biological Sciences UG Program.* Causes and consequences of neoplastic transformations at the biochemical and cellular levels. Students who wish to register for this section after July 16, 2011, plea se e-mail summer@umd.edu.

0601	Ibrahim Ades	Seats (Total: 20)	
	Meets July 29, 2013 - August 16, 2013		
	MTuWThF 9:00am - 11:30am	BPS 0283	

BSCI437 **General Virology**

BSCI437 General Virology; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: BSCI222; or permission of CMNS-Biological Sciences UG Program. Restriction: Junior standing or higher.* Discussion of the physical and chemical nature of viruses, virus cultivation and assay methods, virus replication, viral diseases with emphasis on the oncogenic viruses, viral genetics, and characteristics of the major virus groups.

0101	Jonathan Dinman	Seats (Total: 70)	
	Meets May 28, 2013 - July 7, 2013		
	MTuWTh 1:30pm - 3:10pm	MCB 1207	

BSCI440 **Mammalian Physiology**

BSCI440 Mammalian Physiology; (4 credits) Grade Method: REG/P-F/AUD. *Prerequisite: BSCI330; and (CHEM231 and CHEM232; or must have completed CHEM233). Or permission of CMNS-Biological Sciences UG Program.* A study of the cardiovascular, hemopoietic, gastrointestinal, renal and respiratory systems. Chemical and endocrine regulation of physiological functions in mammals. Course does not count as an upper level lab for BIOL majors (see BSCI441).

0101	William Higgins	Seats (Total: 50)	
	Meets May 28, 2013 - July 7, 2013		
	MTuWTh 9:00am - 10:45am	PLS 1140	
	MTuWTh 11:00am - 12:45pm	PLS 1119	Discussion

BSCI447 **General Endocrinology**

BSCI447 General Endocrinology; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: BSCI330; and must have completed CHEM233 and CHEM243. Functions and the functioning of the endocrine glands of animals with special reference to the vertebrates.

0201	Tammatha O'Brien	Seats (Total: 50)
	Meets July 8, 2013 - August 18, 2013	
	MW 6:00pm - 9:20pm	PLS 1140

BSCI493 **Medicinal and Poisonous Plants**

BSCI493 Medicinal and Poisonous Plants; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: BSCI105; and must have completed CHEM233. Or 4 credits in BSCI courses. A study of plants important to humans that have medicinal or poisonous properties. Emphasis on plant source, plant description, the active agent and its beneficial or detrimental physiological action and effects.

0201	George Bean	Seats (Total: 25)
	Meets July 8, 2013 - August 18, 2013	
	MTuWThF 10:00am - 11:20am	HJP 1216

BSGC Global Communities Summer 2013

BSGC302 **BSGC 302 Capstone Course: Global Connections**

BSGC302 BSGC 302 Capstone Course: Global Connections; (1 credit) Grade Method: REG/P-F/AUD.
Restriction: Must be in Global Communities Living-Learning program. Additional information: This course is limited to second-year students in the Global Communities Living-Learning Program who have completed or are in the midst of completing their Global Experience requirement. Final component of the Global Communities curriculum. The course connects the global experience with previous BSGC coursework.

WB11	Virginia Haufler	Seats (Total: 20)
	Meets May 28, 2013 - August 18, 2013	
	Class time/details on ELMs	ONLINE

BSGC386 **Experiential Learning in Global Communities: Global Internship**

BSGC386 Experiential Learning in Global Communities: Global Internship; (3 credits) Grade Method: REG/P-F/AUD.
Restriction: Must be in Global Communities Living-Learning program. Credit only granted for: BSGC398E or BSGC386. Formerly: BSGC398E. Experiential Learning in Global Communities: Global Internship, will give students an opportunity to connect theory with practice.

I101	Natalie Vinski	Seats (Total: 20)
	Meets May 28, 2013 - August 16, 2013	
	Class time/details on ELMs	ONLINE
	Course meetings will be conducted online.	

BSOS Behavioral and Social Sciences Summer 2013

BSOS288I **Special Topics in Behavioral and Social Sciences; Social Science Internship Practicum**

BSOS288I *(PermReq)* **Special Topics in Behavioral and Social Sciences: Social Science Internship Practicum; (1-3 credits)** Grade Method: REG.

I101	Kathryn Hopps	Seats (Total: 5)
	Meets May 28, 2013 - July 7, 2013	
	Contact instructor or department for details.	
I201	Kathryn Hopps	Seats (Total: 10)
	Meets July 8, 2013 - August 18, 2013	
	Contact instructor or department for details.	

BSOS288N **Special Topics in Behavioral and Social Sciences; Nicaragua Internship**
Contact department for information to register for this course.

BSOS386 **Experiential Learning**

BSOS386 *(PermReq)* **Experiential Learning; (3-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BSOS388I **Behavioral and Social Sciences Special Topics; Internship Practicum in the Social Sciences**

BSOS388I *(PermReq)* **Behavioral and Social Sciences Special Topics: Internship Practicum in the Social Sciences; (1-3 credits)** Grade Method: REG.

I101	Kathryn Hopps	Seats (Total: 5)
	Meets May 28, 2013 - July 7, 2013	
	Contact instructor or department for details.	
I201	Kathryn Hopps	Seats (Total: 10)
	Meets July 8, 2013 - August 18, 2013	
	Contact instructor or department for details.	

BSOS388Q **Behavioral and Social Sciences Special Topics; Cesar Directed Study**
Contact department for information to register for this course.

BSST Terrorism Studies Summer 2013

BSST338Z **Special Topics in Terrorism Studies; Dollars to Designations: Terrorist Finance and the Methods Deployed to Counter Terrorist Finance**

BSST338Z Special Topics in Terrorism Studies: Dollars to Designations: Terrorist Finance and the Methods Deployed to Counter Terrorist Finance; (3 credits) Grade Method: REG/AUD.

Disrupting money flows to terrorists entails a complex interplay among individual, state, and multilateral actors. This course provides an introduction to terrorists financial activities and counterterrorism finance and sanctions policy. The course examines how terrorist groups finance their operations and also emphasizes current policy approaches designed to curb terrorist financing through the application of U.S. and international sanctions. The course explores how multilateral fora; such as the United Nations and Financial Action Task Force counterterrorist finance. At the completion of this course, students will have a better understanding of the key tools, including law enforcement, diplomatic, or intelligence, that are deployed to disrupt and deter terrorist finance.

WB11	Jason Blazakis	Seats (Total: 20)
	Meets May 28, 2013 - July 5, 2013	
	Class time/details on ELMs	ONLINE

BSST399L **Individual Study in Terrorism Studies; Experimental Criminolog in Cyberspace: Howe Does Warning and Surveillance Impact Attackers Behavior?**

BSST399L *(PermReq)* **Individual Study in Terrorism Studies: Experimental Criminolog in Cyberspace: Howe Does Warning and Surveillance Impact Attackers Behavior?; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: permission of department.

0101	Michel Cukier	Seats (Total: 2)
	Meets May 28, 2013 - July 7, 2013	
	Contact instructor or department for details.	

BSST631 **Societal Impacts of and Responses to Terrorism**

BSST631 Societal Impacts of and Responses to Terrorism; (3 credits) Grade Method: REG/AUD.
Restriction: Must be in Terrorism Analysis Graduate Certificate Program; or permission of department. Credit only granted for: BSOS631 or BSST631. Formerly: BSOS631. Explores the manners in which a variety of different actors respond to both terrorist incidents and the threat of terrorism. Examines local responses to terrorist incidents; local impacts of terrorism including effects on individual and group attitudes and behaviors; policy decisions made in response to both terrorist attacks and the threat of terrorism; terrorism prevention, deterrence, interdiction, and mitigation efforts; and individual and community recovery from terrorist attacks.

ST01	Katherine Izsak	Seats (Total: 25)
	Meets June 3, 2013 - August 18, 2013	
	Th 5:30pm - 8:00pm	ONLINE
	Class time/details on ELMs	ONLINE

BSST638Z **Special Topics in Terrorism Studies; Dollars to Designations: Terrorist Finance and the Methods Deployed to Counter Terrorist Finance**

BSST638Z Special Topics in Terrorism Studies: Dollars to Designations: Terrorist Finance and the Methods Deployed to Counter Terrorist Finance; (3 credits) Grade Method: REG/AUD.
Disrupting money flows to terrorists entails a complex interplay among individual, state, and multilateral actors. This course provides an introduction to terrorists financial activities and counterterrorism finance and sanctions policy. The course examines how terrorist groups finance their operations and also emphasizes current policy approaches designed to curb terrorist financing through the application of U.S. and international sanctions. The course explores how multilateral fora; such as the United Nations and Financial Action Task Force counterterrorist finance. At the completion of this course, students will have a better understanding of the key tools, including law enforcement, diplomatic, or intelligence, that are deployed to disrupt and deter terrorist finance.

WB11	Jason Blazakis	Seats (Total: 5)
	Meets May 28, 2013 - July 5, 2013	
	Class time/details on ELMs	ONLINE

BUAC Accounting and Information Assurance — Summer 2013

BUAC743 **Financial Statement Analysis**

BUAC743 Financial Statement Analysis; (2 credits) Grade Method: REG. *Prerequisite: BUSI610. Restriction: Must be in one of the following programs (Business and Management (Master's); Business and Management (Master's)) ; or permission of BMGT-Robert H. Smith School of Business.* Provides students with the tools to conduct a financial statement analysis, which is part of an overall business analysis. This involves understanding and using the information that financial statements are communicating to users.

BA10	Gary Bulmash	Seats (Total: 36)
	Meets May 29, 2013 - June 24, 2013	
	MW 6:25pm - 10:00pm	BA 102

BUAC759 **Independent Study in Accounting and Information Assurance**

BUAC759 *(PermReq)* **Independent Study in Accounting and Information Assurance; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BUAC765 **Business Ethics for Accountants and Auditors**

BUAC765 Business Ethics for Accountants and Auditors; (3 credits) Grade Method: REG.

Restriction: Must be in Business and Management (Master's) program. Considers all facets of business ethics issues within an accounting and auditing context. Ethical theory, corporate social responsibility, and individual decision-making are considered. Some of the applied topics that may be covered in this course include, but are not limited to, intellectual property issues, corporate downsizing, outsourcing, global ethics, crises management, and employment ethics.

CP25	James Lager **Meets July 8, 2013 - August 18, 2013** MW 6:25pm - 9:35pm *For MS in Accounting Students only.*	Seats (Total: 57) VMH 1333
CP27	James Lager **Meets July 8, 2013 - August 18, 2013** TuTh 6:25pm - 9:35pm *For MS in Accounting students only.*	Seats (Total: 57) VMH 1333

BUAC788P **Action Learning Project**

BUAC788P Action Learning Project; (1 credit) Grade Method: REG.

CP15	Matthew Gagnon **Meets May 29, 2013 - August 12, 2013** F 8:30am - 3:30pm *For MS in Accounting students only.*	Seats (Total: 110) Location: TBA
CP17	Instructor: TBA **Meets May 29, 2013 - August 12, 2013** F 8:30am - 3:30pm *For MS in Accounting students only.*	Seats (Total: 36) Location: TBA

BUAC792 **Forensic Accounting/Auditing**

BUAC792 Forensic Accounting/Auditing; (3 credits) Grade Method: REG. *Restriction: Must be in Business and Management (Master's) program.* Provides a theoretical background and practical application of fraud examinations and corporate investigations. Fraud prevention, detection, investigation, and related matters such as courtroom procedures will be included. Also considered are topics such as FCPA and securities fraud. A wide variety of teaching tools are used.

CP15	Ariel Ramirez **Meets May 29, 2013 - June 27, 2013** MW 5:45pm - 9:55pm *For MS in Accounting students only.*	Seats (Total: 57) VMH 1412
CP17	Ariel Ramirez **Meets May 29, 2013 - June 27, 2013** TuTh 5:45pm - 9:55pm *For MS in Accounting students only.*	Seats (Total: 57) VMH 1412
GS16	Ariel Ramirez **Meets June 1, 2013 - June 29, 2013** Sa 8:30am - 5:00pm *Meets 6/1, 6/8, 6/15, 6/22, 6/29. For MS in Accounting students only.*	Seats (Total: 57) BLD3 3241

BUDT Decision and Information Technologies — Summer 2013

BUDT732 **Decision Analytics**

BUDT732 Decision Analytics; (2 credits) Grade Method: REG. *Prerequisite: BUSI630. Credit only granted for: BMGT732 or BUDT732. Formerly: BMGT732.* Analytical modeling for managerial decisions using a spreadsheet environment. Includes linear and nonlinear optimization models, decision making under uncertainty and simulation models.

GS10	Pamela Armstrong **Meets May 30, 2013 - June 25, 2013** TuTh 6:25pm - 10:00pm	Seats (Total: 36) BLD2 2032

BUDT758G **Special Topics in Decision, Operations and Information Technologies; Global Delivery of IT and Service Innovations**

BUDT758G Special Topics in Decision, Operations and Information Technologies: Global Delivery of IT and Service Innovations; (2 credits) Grade Method: REG.

DC16	David McCue	Seats (Total: 36)
	Meets June 1, 2013 - July 20, 2013	
	Sa 8:45am - 1:00pm	DC C1
	Meets 6/1, 6/8, 6/15, 6/29, 7/6, 7/13, Final 7/20.	

BUDT759 **Independent Study in Decision and Information Technologies**

BUDT759 *(PermReq)* **Independent Study in Decision and Information Technologies; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BUFN Finance Summer 2013

BUFN751 **Financial Strategy For Corporations**

BUFN751 Financial Strategy For Corporations; (2 credits) Grade Method: REG. *Prerequisite: BUSI640. Restriction: Must be in one of the following programs (Business and Management (Master's); Business and Management (Master's)).* An advanced course in corporate finance, focusing on the issues that firms face when they plan to raise external capital from financial markets. The focus is on the financing problems faced by mid-market to large firms and on capital raised from public markets. The forms of external finance vary from simple debt or equity to more complex securities that bundle with an element of risk management.

BA10	Youngsuk Yook	Seats (Total: 36)
	Meets June 27, 2013 - July 25, 2013	
	TuTh 6:25pm - 10:00pm	BA 103

BUFN754 **Corporate Risk Management**

BUFN754 Corporate Risk Management; (2 credits) Grade Method: REG.
Prerequisite: BUSI640. Restriction: Must be in one of the following programs (Business and Management (Master's); Business and Management (Master's)). Surveys the theory and practice of financial risk identification, measurement, and mitigation at financial and non-financial firms. Topics will include hedging with options and futures, interest rate risk management, Value-at-Risk (VaR), Cashflow-at-Risk (CaR), Earnings-at-Risk (EaR), credit risk, equity risk, commodities risk, exchange rate risk, and lessons from risk management disasters.

DC26	Louis Gattis	Seats (Total: 36)
	Meets August 3, 2013 - August 18, 2013	
	SaSu 9:30am - 3:45pm	DC C3
	Meets 8/3, 8/4, 8/17, 8/18.	

BUFN755 **Entrepreneurial Finance and Private Equity**

BUFN755 Entrepreneurial Finance and Private Equity; (2 credits) Grade Method: REG.
Prerequisite: BUSI640. Restriction: Must be in one of the following programs (Business and Management (Master's); Business and Management (Master's)). Credit only granted for: BUSI647 or BUFN755. Formerly: BUSI647. An advanced topics course in Corporate Finance. The major emphasis is how financiers help growing firms - and in particular young start-ups - using different types of securities at different points in the industry's and firm's life. Financing arrangements and securities studied will include private equity funds and private financings placements, Venture Capital (VC) and preferred equity, Investment Banks through Initial Public Offerings (IPOs), Private equity finds, debt and leveraged buyouts. Students will learn additional techniques that will help them understand how financiers value firms and how to understand, plan and value different financing strategies.

DC10	James Campbell	Seats (Total: 36)
	Meets June 3, 2013 - July 24, 2013	
	W 6:25pm - 10:00pm	DC C4

BUFN759 **Independent Study in Finance**

BUFN759 *(PermReq)* **Independent Study in Finance; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BUFN760 **Applied Equity Analysis**

BUFN760 Applied Equity Analysis; (2 credits) Grade Method: REG.
Prerequisite: BUSI640. Restriction: Must be in one of the following programs (Business and Management (Master's); Business and Management (Master's)). Credit only granted for: BUFN702 or BUFN760. Formerly: BUFN702. Students will learn to analyze equity securities using the basic EIC (Economy/Industry/Company) framework used in the financial industry, paying special attention to financial statement analysis. Students also will learn the primary valuation techniques used to estimate market values for equity securities.

DC16	Joseph Perfetti	Seats (Total: 40)
	Meets June 1, 2013 - July 20, 2013	
	Sa 2:00pm - 6:15pm	DC C2
	Meets 6/1, 6/8, 6/15, 6/29, 7/6, 7/13, Final 7/20.	

BUFN761 **Derivative Securities**

BUFN761 Derivative Securities; (2 credits) Grade Method: REG.
Prerequisite: BUFN740. Restriction: Must be in one of the following programs (Business and Management (Master's); Business and Management (Master's)). Credit only granted for: BUFN726 or BUFN761. Formerly: BUFN726. Standard types of derivatives contracts are presented, and illustrated as to how they are used in practice. The theory of pricing these contracts is then presented in detail. The use of static and dynamic replication strategies, and the concept of no-arbitrage strategies is illustrated in numerous ways. Standard valuation techniques are covered, and standard formulas are presented. The theory is then applied to develop specific pricing and hedging strategies for various types of derivatives on different underlying assets. The management of the exposure of various risks is covered in detail as well.

BA10	Thomas Sanders	Seats (Total: 36)
	Meets July 1, 2013 - July 24, 2013	
	MW 6:25pm - 10:00pm	BA 102

BUFN762 **Fixed Income Analysis**

BUFN762 Fixed Income Analysis; (2 credits) Grade Method: REG.
Prerequisite: BUFN740. Restriction: Must be in one of the following programs (Business and Management (Master's); Business and Management (Master's)). Credit only granted for: BUFN731 or BUFN762. Formerly: BUFN731. Describes important financial instruments which have market values that are sensitive to interest rate movements. Develops tools to analyze interest rate sensitivity and value fixed income securities. Defines and explains the vocabulary of the bond management business.

GS10	Mark Taranto	Seats (Total: 36)
	Meets May 30, 2013 - June 25, 2013	
	TuTh 6:25pm - 10:00pm	BLD3 4202

BUFN763 **Portfolio Management**

BUFN763 Portfolio Management; (2 credits) Grade Method: REG.
Prerequisite: BUFN740. Restriction: Must be in one of the following programs (Business and Management (Master's); Business and Management (Master's)). Credit only granted for: BUFN700 or BUFN763. Formerly: BUFN700. Provides training that is important in understanding the investment process - the buy side of the financial world. Specifically, the objective is to provide graduate-level instruction in the following topics, both in theory and in using financial markets data to test the basic theory and practice of portfolio choice and equilibrium pricing models and their implications for efficient portfolios.

DC20	Russell Wermers	Seats (Total: 36)
	Meets July 29, 2013 - August 22, 2013	
	TuTh 6:25pm - 10:00pm	DC C3

BUFN766 **Financial Engineering**

BUFN766 Financial Engineering; (2 credits) Grade Method: REG.
Prerequisite: BUFN740. Restriction: Must be in one of the following programs (Business and Management (Master's); Business and Management (Master's)). Credit only granted for: BUFN735 or BUFN766. Formerly: BUFN735. Develop Excel and Visual Basic (VBA) models to solve problems related to portfolio management, options valuation, fixed income securities, interest rate processes, and risk management. This course thus bridges theory with the design of algorithms and models that can be directly applied in practice.

BA20	Mark Taranto	Seats (Total: 36)
	Meets July 30, 2013 - August 22, 2013	
	TuTh 6:25pm - 10:00pm	BA 102

BUMK Marketing Summer 2013

BUMK716 **Brand Management**

BUMK716 Brand Management; (2 credits) Grade Method: REG. *Prerequisite: BUSI650. Restriction: Must be in one of the following programs (Business and Management (Master's); Business and Management (Master's)) ; or permission of BMGT-Robert H. Smith School of Business.* Brand names are valuable assets for firms. Effective brand management is critical to maintaining the long-term profitability of products and services. Topics include understanding brands from the customer's perspective, building brand equity, measuring brand equity, leveraging brand equity, managing brand portfolios and managing brands over time.

GS10	Richard Newman	Seats (Total: 36)
	Meets May 29, 2013 - June 24, 2013	
	MW 6:25pm - 10:00pm	BLD3 3202

BUMK717 **Integrated Marketing Communications**

BUMK717 Integrated Marketing Communications; (2 credits) Grade Method: REG. *Prerequisite: BUSI650. Restriction: Must be in one of the following programs (Business and Management (Master's); Business and Management (Master's)) ; or permission of BMGT-Robert H. Smith School of Business.* Marketing communications are a complex but critical component of marketing strategy. Topics include communication tools: advertising, sales promotions, corporation communications, one-on-one or direct marketing, public relations, internet communications, sponsorship/events marketing, and marketing communcation plans: defining objectives, implementing the plan, and measuring communications effectiveness. Achieving integration in the content, look, and feel of all marketing communications is stressed.

DC10	Jeremy Brown	Seats (Total: 36)
	Meets May 30, 2013 - June 25, 2013	
	TuTh 6:25pm - 10:00pm	DC C2

BUMK722 **Customer Equity Management**

BUMK722 Customer Equity Management; (2 credits) Grade Method: REG/AUD. *Prerequisite: BUSI650. Restriction: Must be in one of the following programs (Business and Management (Master's); Business and Management (Master's)).* Focuses on managing customers of a business, whether in B2B or B2C space, as a portfolio of equity; understanding the current and future value of customers to the business; selective acquisition, development, and retention of customers using latest developments in information technology.

DC26	Pallassana Kannan **Meets July 27, 2013 - August 3, 2013** SaSu 9:00am - 6:00pm *Meets 7/27, 7/28, 8/3.*	Seats (Total: 36) DC C1

BUMK758A **Special Topics in Marketing; Market Forecasting**

BUMK758A Special Topics in Marketing: Market Forecasting; (2 credits) Grade Method: REG.

DC10	Wendy Moe **Meets June 27, 2013 - July 25, 2013** TuTh 6:25pm - 10:00pm	Seats (Total: 36) DC C2

BUMK758O **Special Topics in Marketing; Social Media and Internet Marketing**

BUMK758O Special Topics in Marketing: Social Media and Internet Marketing; (2 credits) Grade Method: REG.
Click here for more course information.

BA10	Michael Trusov **Meets June 1, 2013 - June 9, 2013** SaSu 9:00am - 4:15pm *Meets 6/1, 6/2, 6/8, 6/9.*	Seats (Total: 40) BA 103
DC20	Nancy Kaplan **Meets July 30, 2013 - August 22, 2013** TuTh 6:25pm - 10:00pm	Seats (Total: 36) DC C2

BUMK758P **Special Topics in Marketing; New Product Development**

BUMK758P Special Topics in Marketing: New Product Development; (2 credits) Grade Method: REG.
Click here for more course information.

BA20	Yogesh Joshi **Meets July 30, 2013 - August 22, 2013** TuTh 6:25pm - 10:00pm	Seats (Total: 36) BA 101

BUMK759 **Independent Study in Marketing**

BUMK759 *(PermReq)* **Independent Study in Marketing; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BUMO Management and Organization Summer 2013

BUMO714 **Competitive and Collaborative Negotiation**

BUMO714 Competitive and Collaborative Negotiation; (2 credits) Grade Method: REG.
Corequisite: BUMO715. Restriction: Must be in one of the following programs (Business and Management (Master's); Business and Management (Master's)). Credit only granted for: BUMO714 or BMGT764. Formerly: BMGT764. Increase negotiating self-confidence and improve capacity to achieve win-win solutions to organizational problems. Improve effectiveness at finding creative solutions to conflict.

BA20	Gosia Langa **Meets July 29, 2013 - August 21, 2013** MW 6:25pm - 10:00pm	Seats (Total: 40) BA 103
DC10	Martin Sullivan **Meets July 1, 2013 - July 24, 2013** MW 6:25pm - 10:00pm	Seats (Total: 40) DC C1
GS20	Gosia Langa **Meets July 30, 2013 - August 22, 2013** TuTh 6:25pm - 10:00pm	Seats (Total: 36) BLD2 2032

BUMO720 **Understanding Organizational Change**

BUMO720 Understanding Organizational Change; (2 credits) Grade Method: REG.
Prerequisite: BUSI664 or BUSI662. Restriction: Must be in one of the following programs (Business and Management (Master's); Business and Management (Master's)). Develops the fundamental change knowledge and skills of MBA students who plan to work with organizations as change agents, whether internally as managerial employees or externally as outside consultants. Draws on literatures from organizational behavior, human resource management and strategic management to identify models as prescriptions of change.

BA10	James Spina **Meets July 1, 2013 - July 26, 2013** MW 6:25pm - 10:00pm	Seats (Total: 36) BA 101
DC16	Judith Gebhardt **Meets June 1, 2013 - July 20, 2013** Sa 8:45am - 1:00pm *Meets 6/1, 6/8, 6/15, 6/29, 7/6, 7/13, Final 7/20.*	Seats (Total: 36) DC C2

BUMO721 **Managing Organizational Change**

BUMO721 Managing Organizational Change; (2 credits) Grade Method: REG.
Prerequisite: BUMO720. Restriction: Must be in one of the following programs (Business and Management (Master's); Business and Management (Master's)). Develops the advanced knowledge and skills of MBA students who plan to work with organizations as change agents. Concrete and useful strategies, tools, and interventions for diagnosing organizational change situations, analyzing problems, and designing and implementing organizational change. Diverse approaches to leading and managing various types of organizational change.

DC26	Mary Taylor **Meets July 27, 2013 - August 17, 2013** Sa 8:45am - 4:00pm *Meets 7/27, 8/3, 8/10, 8/17.*	Seats (Total: 36) DC C2

BUMO756 **Industry Analysis**

BUMO756 Industry Analysis; (2 credits) Grade Method: REG.
Recommended: BUSI690. Restriction: Must be in one of the following programs (Business and Management (Master's); Business and Management (Master's)). Credit only granted for: BMGT792 or BUMO756. Formerly: BMGT792. Conceptual framework and analytical tools for understanding the dynamics of industry structure. Impacts of past and future attractiveness of the industry on profitability. Developing and applying frameworks to devise competitive strategies in uncertain industries.

BA10	Michael Geppi	Seats (Total: 36)
	Meets May 29, 2013 - June 24, 2013	
	MW 6:25pm - 10:00pm	BA 103

BUMO758D **Special Topics in Management and Organization; Social Entrepreneurship**

BUMO758D Special Topics in Management and Organization: Social Entrepreneurship; (2 credits) Grade Method: REG.
Click here for more course information.

DC26	James Sanders	Seats (Total: 36)
	Meets July 27, 2013 - August 17, 2013	
	Sa 9:00am - 4:15pm	DC C4
	Meets 7/27, 8/3, 8/10, 8/17.	

BUMO758G **Special Topics in Management and Organization; Innovation Management**

BUMO758G Special Topics in Management and Organization: Innovation Management; (2 credits) Grade Method: REG.

GS10	Oliver Schlake	Seats (Total: 36)
	Meets June 27, 2013 - July 25, 2013	
	TuTh 6:25pm - 10:00pm	BLD2 2032

BUMO758K **Special Topics in Management and Organization; Management Consulting**

BUMO758K Special Topics in Management and Organization: Management Consulting; (2 credits) Grade Method: REG.

DC10	Protiti Dastidar **Meets May 29, 2013 - June 24, 2013** MW 6:25pm - 10:00pm	Seats (Total: 40) DC C2

BUMO759 **Independent Study in Management and Organization**

BUMO759 *(PermReq)* **Independent Study in Management and Organization; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BUMO761 **Creativity for Business Leaders and Entrepreneurs**

BUMO761 Creativity for Business Leaders and Entrepreneurs; (2 credits) Grade Method: REG.
Restriction: Must be in one of the following programs (Business and Management (Master's); Business and Management (Master's)). Credit only granted for: BUSI661 or BUMO761. Formerly: BUSI661. Examines the concept of creativity as it applies in today's and tomorrow's complex business environment. An overview of the cognitive foundations of creativity, examines many of the preconceived notions about creativity in business and discusses multiple ways in which creativity can help business leaders and entrepreneurs to succeed. Topics include creativity techniques for groups and individuals, creativity as a foundation to recognize business opportunities and develop innovative products and services, selecting ideas and making them stick, mental and organizational obstacles to creativity as well as an overview of electronic tools to increase creative capability.

DC20	Oliver Schlake **Meets July 29, 2013 - August 21, 2013** MW 6:25pm - 10:00pm	Seats (Total: 36) DC C3
DC26	Oliver Schlake **Meets July 27, 2013 - August 3, 2013** SaSu 9:00am - 6:00pm *Meets 7/27, 7/28, 8/3.*	Seats (Total: 30) DC C5

BUMO796 **Leadership and Human Resource Management for Accountants and Auditors**

BUMO796 Leadership and Human Resource Management for Accountants and Auditors; (3 credits) Grade Method: REG.
Restriction: Must be in Business and Management (Master's) program. Develops the concepts, frameworks, and skills that are important to be effective leaders and to successfully manage human resources. Topics for discussion include: Creating a motivating and empowering environment; leadership attributes, power and effective influence; building effective decision-making; strategic management of human resources; specification of the skills and competencies requisite for job success; recruiting and selecting employees to fit the job and the organization; measuring, appraising and improving performance. All of the topics selected for discussion are critical ones that every professional needs to know, regardless of functional area (not just HR professionals), and will help students become more effective consultants, managers and leaders.

GS26	Mark Wellman	Seats (Total: 57)
	Meets July 13, 2013 - August 17, 2013	
	Sa 8:30am - 5:00pm	BLD3 3241
	Meets 7/13, 7/20, 7/27, 8/3, 8/10, Final 8/17.	

BUSI Part-Time MBA Program Summer 2013

BUSI611 Managerial Accounting

Any remaining seats in BUSI courses will be available to the following groups of students: Students admitted/graduates of UMCP master or PhD program and students admitted/graduates of an AACSB- accredited masters program. Students outside the department should contact the Smith School of Business Masters Program Office starting the first day of registration for specific instructions on how to request a BUSI course. Requests for courses will be reviewed approximately two weeks before the start of the semester. For all course sections with GS, class will be held at the Shady Grove Campus. For all course sections with DC, class will be held at the Ronald Reagan Building/International Trade Center. For all course sections with BA, class will be held at the UMB BioPark Two

For weekend courses, students are responsible for checking their schedule for course conflicts. If a student is registered for weekend courses that conflict, the student should make adjustments to their schedule. If changes are not made, the department can drop the course that was last added to cause the conflict.

BUSI611 *(PermReq)* **Managerial Accounting; (2 credits)** Grade Method: REG. *Prerequisite: BUSI610. Restriction: Must be in one of the following programs (Business and Management (Master's); Business and Management (Master's)).* Use of accounting data in corporate planning and control. Cost-volume- profit analysis, budgeting, pricing decisions and cost data, transfer pricing, activity-based management, performance measures, and standard costing. Non-majors should review their registration eligibility in the statement preceding the BUSI courses. (Except: BUSI 611 Section 01D6, please see notes under section 01D6).

BA11	Thomas Vermeer **Meets June 4, 2013 - July 23, 2013** Tu 6:25pm - 10:00pm	Seats (Total: 0) BA 104
DC11	Michael Finch **Meets May 30, 2013 - July 25, 2013** Th 6:25pm - 10:00pm *This class begins on Thursday, May 30th to make up for the July 4th hol day.*	Seats (Total: 0) DC C3
DC12	Michael Finch **Meets June 5, 2013 - July 24, 2013** W 6:25pm - 10:00pm	Seats (Total: 0) DC C3

DC16	Thomas Vermeer **Meets June 1, 2013 - July 20, 2013** Sa 8:45am - 1:00pm *Meets 6/1, 6/8, 6/15, 6/29, 7/6, 7/13, Final 7/20.*	Seats (Total: 0) DC C3
GS11	Michael Finch **Meets June 3, 2013 - July 22, 2013** M 6:25pm - 10:00pm	Seats (Total: 0) BLD2 2032

BUSI683 **The Global Economic Environment**

BUSI683 *(PermReq)* **The Global Economic Environment; (2 credits)** Grade Method: REG.
Restriction: Must be in one of the following programs (Business and Management (Master's); Business and Management (Master's)). Relationship between national and international economic environments. Determinants of output, interest rates, prices and exchange rates. Analysis of effect of economic policies (fiscal, monetary, trade, tax) on the firm and the economy. Non-majors should review their registration eligibility in the statement preceding the BUSI courses.

BA11	Cristian Dezso **Meets May 30, 2013 - July 25, 2013** Th 6:25pm - 10:00pm	Seats (Total: 0) BA 104
DC11	Charles Olson **Meets June 4, 2013 - July 23, 2013** Tu 6:25pm - 10:00pm	Seats (Total: 0) DC C3
DC12	Cristian Dezso **Meets June 3, 2013 - July 22, 2013** M 6:25pm - 10:00pm	Seats (Total: 0) DC C3
DC16	Bennet Zelner **Meets June 1, 2013 - July 20, 2013** Sa 2:00pm - 6:15pm *Meets 6/1, 6/8, 6/15, 6/29, 7/6, 7/13, Final 7/20.*	Seats (Total: 0) DC C3

GS11	Bennet Zelner	Seats (Total: 0)
	Meets June 5, 2013 - July 24, 2013	
	W 6:25pm - 10:00pm	BLD2 2032

BUSI698 **MBA Consulting Project**
Contact department for information to register for this course.

BUSI758O **Special Topics in Business; Building Capacity in Sri Lanka**
Contact department for information to register for this course.

BUSI758Y **Special Topics in Business; Games of Strategy**

BUSI758Y Special Topics in Business: Games of Strategy; (2 credits) Grade Method: REG.

DC20	Rui Zhao	Seats (Total: 36)
	Meets July 29, 2013 - August 21, 2013	
	MW 6:25pm - 10:00pm	DC C2

BUSI759 **Independent Study in Business**

BUSI759 *(PermReq)* **Independent Study in Business; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

BUSI764 **Business Law for Managers**

BUSI764 Business Law for Managers; (2 credits) Grade Method: REG. *Restriction: Must be in one of the following programs (Business and Management (Master's); Business and Management (Master's)) ; or permission of BMGT-Robert H. Smith School of Business. Credit only granted for: BMGT793 or BUSI764. Formerly: BMGT793.* Survey of United States legal institutions and processes as well as substantive areas of the law that affect business. Examination of tort and contract law, the legal forms of business organization and legal liability and major regulatory laws that affect business.

DC10	William McClenahan	Seats (Total: 36)
	Meets June 27, 2013 - July 25, 2013	
	TuTh 6:25pm - 10:00pm	DC C1

BUSI768B **Global Business Experience: CIBER Global Business Project; Brazil**
Contact department for information to register for this course.

BUSI768C **Global Business Experience: CIBER Global Business Project; China**
Contact department for information to register for this course.

BUSI768I **Global Business Experience: CIBER Global Business Project; India**

BUSI768I Global Business Experience: CIBER Global Business Project: India; (3 credits) Grade Method: REG/AUD.

Contact department for information to register for this course.

BUSI798B **Global Business Experience; Brazill: Emerging Global Companies**
Contact department for information to register for this course.

BUSI798C **Global Business Experience; China in 2013 and Beyond - Challenges and Opportunities**
Contact department for information to register for this course.

BUSI798E **Global Business Experience; Doing Business in the Euro Zone**
Contact department for information to register for this course.

BUSI799 **Masters Thesis Research**

BUSI799 *(PermReq)* **Masters Thesis Research; (1-6 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CBMG Cell Biology & Molecular Genetics Summer 2013

CBMG699 **Special Problems in Cell Biology and Molecular Genetics**

CBMG699 *(PermReq)* **Special Problems in Cell Biology and Molecular Genetics; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CBMG799 **Masters Thesis Research**

CBMG799 *(PermReq)* **Masters Thesis Research; (1-6 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CBMG899 **Doctoral Dissertation Research**

CBMG899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F.

0101	Instructor: TBA **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 20)
0201	Instructor: TBA **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 20)

CCJS Criminology and Criminal Justice Summer 2013

CCJS100 **Introduction to Criminal Justice**

CCJS100 Introduction to Criminal Justice; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. GenEd: Distributive Studies - History and Social Sciences.
Introduction to the administration of criminal justice in a democratic society, with emphasis on the theoretical and historical development of law enforcement. The principles of organization and administration for law enforcement; functions and specific activities; planning and research; public relations; personnel and training; inspection and control; direction; policy formulation.

0101	Kathleen Frey **Meets May 28, 2013 - July 7, 2013** MTuWTh 11:00am - 12:40pm	Seats (Total: 60) TYD 0102
0201	Kyle Thomas **Meets July 8, 2013 - August 18, 2013** MTuWTh 9:00am - 10:40am	Seats (Total: 37) TYD 2106

XA21	Kyle Thomas **Meets July 8, 2013 - August 18, 2013** MTuWTh 9:00am - 10:40am	Seats (Total: 0) TYD 2106

CCJS105 **Introduction to Criminology**

CCJS105 Introduction to Criminology; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. GenEd: Distributive Studies - History and Social Sciences.
Criminal behavior and the methods of its study; causation; typologies of criminal acts and offenders; punishment, correction and incapacitation; prevention of crime.

0101	Sumit Kumar **Meets May 28, 2013 - July 7, 2013** MTuWTh 1:00pm - 2:40pm	Seats (Total: 50) LEF 2208
0201	Mariel Alper **Meets July 8, 2013 - August 18, 2013** MTuWTh 1:00pm - 2:40pm	Seats (Total: 37) KEY 0102
XA21	Mariel Alper **Meets July 8, 2013 - August 18, 2013** MTuWTh 1:00pm - 2:40pm	Seats (Total: 0) KEY 0102

CCJS200 **Statistics for Criminology and Criminal Justice**

CCJS200 *(PermReq)* **Statistics for Criminology and Criminal Justice; (3 credits)** Grade Method: REG/P-F/AUD. GenEd: Fundamental Studies - Analytic Reasoning. *Prerequisite: CCJS100 or CCJS105; and minimum grade of C- in MATH111. Restriction: Must be in Criminology and Criminal Justice program; or permission of BSOS-Criminology & Criminal Justice department. Credit only granted for: BIOM301, BMGT230, CCJS200, ECON321, EDMS451, GEOG306, GVPT422, PSYC200 or SOCY201.* Introduction to descriptive and inferential statistics, graphical techniques, and the computer analysis of criminology and criminal justice data. Basic procedures of hypothesis testing, correlation and regression analysis, and the analysis of continuous and binary dependent variables. Emphasis upon the examination of research problems and issues in criminology and criminal justice.

0101	Alan Lehman	Seats (Total: 50)
	Meets May 28, 2013 - July 7, 2013	
	MTuWTh 1:00pm - 2:40pm	LEF 2166

CCJS300 **Criminological and Criminal Justice Research Methods**

CCJS300 *(PermReq)* **Criminological and Criminal Justice Research Methods; (3 credits)** Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - Scholarship in Practice.
Prerequisite: CCJS100 and CCJS105; and (PSYC200, CCJS200, ECON321, BMGT230, or SOCY201). Introduction to the formulation of research questions covering crime and justice, research designs, data collection, and interpretation and reporting in criminological and justice-system settings.

0101	Laure Brooks	Seats (Total: 40)
	Meets May 28, 2013 - July 7, 2013	
	MTuWTh 9:00am - 10:40am	LEF 2166

CCJS320 **Introduction to Criminalistics**

CCJS320 *(PermReq)* **Introduction to Criminalistics; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: CCJS100 and CCJS230. An introduction to modern methods used in the detection, investigation and solution of crimes. Practical analysis of evidence in a crime laboratory, including fingerprints and other impressions, firearms ID and ballistics, hairs and fibers, document examination, and use of polygraph. There are lab fees associated with this course.

0101	Thomas Mauriello	Seats (Total: 25)
	Meets May 28, 2013 - July 7, 2013	
	MTu 6:00pm - 9:00pm Contact instructor or department for details.	MMH 2401
0201	Thomas Mauriello	Seats (Total: 25)
	Meets July 8, 2013 - August 18, 2013	
	MTu 6:00pm - 9:00pm Contact instructor or department for details.	MMH 2401

CCJS340 **Policing**

CCJS340 *(PermReq)* **Policing; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: CCJS100; or students who have taken courses with comparable content may contact the department. Critical issues relating to policing. Topics include police discretion, role of police, use of force, misconduct, police research, administration, personnel, and etc.

0101	Laure Brooks	Seats (Total: 40)
	Meets May 28, 2013 - July 7, 2013	
	MTuWTh 11:00am - 12:40pm	LEF 2166

CCJS350 **Juvenile Delinquency**

CCJS350 *(PermReq)* **Juvenile Delinquency; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: CCJS105. Juvenile delinquency in relation to the general problem of crime; analysis of factors underlying juvenile delinquency; treatment and prevention; organization and social responsibility of law enforcement.

WB21	Christine Roberts White	Seats (Total: 50)
	Meets July 8, 2013 - August 18, 2013	
	Class time/details on ELMs	ONLINE

CCJS359 **Field Training in Criminology and Corrections**

CCJS359 *(PermReq)* **Field Training in Criminology and Corrections; (1-6 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CCJS386 **Experiential Learning**

CCJS386 *(PermReq)* **Experiential Learning; (3-6 credits)** Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.
Restriction: Permission of BSOS-Criminology & Criminal Justice department; and junior standing or higher.

Contact department for information to register for this course.

CCJS398 **Law Enforcement Field Training; LAW ENFORCEMENT FIELD TRAINING**

CCJS398 *(PermReq)* **Law Enforcement Field Training: LAW ENFORCEMENT FIELD TRAINING; (1-6 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CCJS399 **Independent Study in Criminology and Criminal Justice**

CCJS399 *(PermReq)* **Independent Study in Criminology and Criminal Justice; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CCJS451 **Crime and Delinquency Prevention**

CCJS451 *(PermReq)* **Crime and Delinquency Prevention; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: CCJS300. And CCJS350 or CCJS105; or permission of BSOS-Criminology & Criminal Justice department. Methods and programs in prevention of crime and delinquency.

0101	Brendan Dooley	Seats (Total: 40)
	Meets May 28, 2013 - July 7, 2013	
	MTuWTh 9:00am - 10:40am	TYD 1114

CCJS454 **Contemporary Criminological Theory**

CCJS454 *(PermReq)* **Contemporary Criminological Theory; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: CCJS350, CCJS300, and CCJS105. Brief historical overview of criminological theory up to the 50's. Deviance. Labeling. Typologies. Most recent research in criminalistic subcultures and middle class delinquency. Recent proposals for "decriminalization".

0201	Holly Nguyen	Seats (Total: 40)
	Meets July 8, 2013 - August 18, 2013	
	MTuWTh 11:00am - 12:40pm	SQH 1105

CCJS604 **Policy Analysis Project**
Contact department for information to register for this course.

CCJS651 **Seminar in Criminology**

CCJS651 Seminar in Criminology; (3 credits) Grade Method: REG/AUD. *Formerly: CRIM651.* Analysis of significant recent issues in Criminology.

CH01	Kiminori Nakamura	Seats (Total: 23)
	Meets May 22, 2013 - June 10, 2013	
	MTuWThF 8:00am - 12:00pm	Location: TBA
	Class will be meeting in Nanjing, China.	

CCJS678E **Advanced Topics in Criminology and Criminal Justice; Seminar in Criminal Procedure Law**
Contact department for information to register for this course.

CCJS678F **Advanced Topics in Criminology and Criminal Justice; Criminal Law**
Contact department for information to register for this course.

CCJS678G **Advanced Topics in Criminology and Criminal Justice; Criminal Justice System in China**
Contact department for information to register for this course.

CCJS678K **Advanced Topics in Criminology and Criminal Justice; Research Methodology**
Contact department for information to register for this course.

CCJS678P **Advanced Topics in Criminology and Criminal Justice; Criminal Processing**
Contact department for information to register for this course.

CCJS699 **Special Criminological Problems**

CCJS699 Special Criminological Problems; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CCJS699R **Special Criminological Problems; Policy Analysis**
Contact department for information to register for this course.

CCJS799 **Master's Thesis Research**

CCJS799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CCJS899 **Doctoral Dissertation Research**

CCJS899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CHBE Chemical and Biomolecular Engineering Summer 2013

CHBE101 **Introduction to Chemical and Biomolecular Engineering**

CHBE101 *(PermReq)* **Introduction to Chemical and Biomolecular Engineering; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: CHEM135; or students who have taken courses with comparable content may contact the department. Corequisite: MATH141. Restriction: Must be in Engineering: Chemical program; or permission of ENGR-Chemical & Biomolecular Engineering department. Credit only granted for: CHBE101 or ENCH215. Formerly: ENCH215. Introduction to methods of chemical engineering calculations and analysis. Stoichiometric relations, material and energy balances, and behavior of gases, vapors, liquids and solids. Analytical and computer methods.

0101	Deepa Subramanian	Seats (Total: 35)
	Meets May 28, 2013 - July 7, 2013	
	MW 1:00pm - 4:30pm	CHM 1224

CHBE250 **Computer Methods in Chemical Engineering**

CHBE250 *(PermReq)* **Computer Methods in Chemical Engineering; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: CHBE101; and must have completed or be concurrently enrolled in MATH246. Restriction: Must be in a major within the ENGR-Chemical & Biomolecular Engineering department; and permission of ENGR-Chemical & Biomolecular Engineering department. Credit only granted for: CHBE250 or ENCH250. Formerly: ENCH250. Algorithm development and application of software to the analysis of chemical engineering problems. File management and editing, graphics and numerical methods. Use of spreadsheets, statistics/math software and process simulators for the design of chemical process equipment.

0201	Nam Sun Wang	Seats (Total: 35)
	Meets July 8, 2013 - August 18, 2013	
	TuTh 9:00am - 12:30pm	CHE 2136

CHBE301 **Chemical and Biomolecular Engineering Thermodynamics I**

CHBE301 *(PermReq)* **Chemical and Biomolecular Engineering Thermodynamics I; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: CHBE101; and must have completed or be concurrently enrolled in CHBE250 and MATH241. Restriction: Must be in Engineering: Chemical program; and permission of ENGR-Chemical & Biomolecular Engineering department. Credit only granted for: ENCH300 or CHBE301. Formerly: ENCH300. Principles of thermodynamics and their application to engineering problems. First and second laws of thermodynamics, properties of gases, liquids and solids, phase equilibrium, flow and non-flow systems, energy conversion, production of work from heat, thermodynamic analysis of processes, equilibrium stage operations and the thermodynamics of chemically reacting systems.

0201	Bani Cipriano	Seats (Total: 35)
	Meets July 8, 2013 - August 18, 2013	
	MWF 9:00am - 12:00pm	CHE 2136

CHBE437 **Chemical and Biomolecular Engineering Laboratory**

CHBE437 *(PermReq)* **Chemical and Biomolecular Engineering Laboratory; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: CHBE424, CHBE426, and CHBE440. Restriction: Must be in a major within ENGR-Chemical & Biomolecular Engineering department; and permission of ENGR-Chemical & Biomolecular Engineering department. Credit only granted for: CHBE437 or ENCH437. Formerly: ENCH437. Application of chemical engineering process and unit operation principals in small-scale semi-commercial equipment. Data from experimental observations are used to evaluate performance and efficiency of operations. Emphasis on correct presentation of results inreport form.

0101	Audaldo Ponce	Seats (Total: 20)	
	Meets May 28, 2013 - July 7, 2013		
	TuTh 11:00am - 12:00pm	CHE 2145	
	TuTh 1:00pm - 5:00pm	Location: TBA	Lab

CHEM Chemistry Summer 2013

CHEM131 **Chemistry I - Fundamentals of General Chemistry**

CHEM131 Chemistry I - Fundamentals of General Chemistry; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - Natural Science Lab(if taken with CHEM132).
Prerequisite: Must have math eligibility of MATH220, MATH130, or MATH140. Corequisite: CHEM132. Recommended: For Science majors. Credit only granted for: CHEM103, CHEM131, CHEM135, CHEM153 or CHEM146. Formerly: CHEM103. An overview of the Periodic Table, inorganic substances, ionic and covalent bonding, bulk properties of materials, chemical equilibrium, and quantitative chemistry. CHEM131 is the first course in a four-semester sequence for students majoring in the sciences, other than Chemistry and Biochemistry majors.

0131	Earle Stone	Seats (Total: 34)	
	Meets May 28, 2013 - July 7, 2013		
	MTuWThF 8:00am - 9:20am	CHM 1402	
	TuTh 10:00am - 11:20am	CHM 1224	Discussion
0132	Earle Stone	Seats (Total: 34)	
	Meets May 28, 2013 - July 7, 2013		
	MTuWThF 8:00am - 9:20am	CHM 1402	
	TuTh 10:00am - 11:20am	CHM 2201	Discussion

0138	Lee Friedman	Seats (Total: 34)	
	Meets May 28, 2013 - August 18, 2013		
	Tu 6:30pm - 9:30pm	CHM 1224	
	Th 6:30pm - 7:20pm	CHM 1224	Discussion

CHEM132 **General Chemistry I Laboratory**

CHEM132 General Chemistry I Laboratory; (1 credit) Grade Method: REG/P-F. *Corequisite: CHEM131. Credit only granted for: CHEM103, CHEM132, CHEM136, CHEM143, or CHEM147. Formerly: CHEM103.* Introduction to the quantification of chemical substances, including the concept of the mole and chemical stoichiometry. Additional work involves the synthesis of ionic substances and their qualitative characterization. Must be taken concurrently with CHEM131. Students must pay a $40.00 lab materials fee.

0131	Maryann Jones	Seats (Total: 24)	
	Meets May 28, 2013 - July 7, 2013		
	MWF 9:30am - 12:20pm	CHM 1110	Lab
0132	Maryann Jones	Seats (Total: 24)	
	Meets May 28, 2013 - July 7, 2013		
	MWF 9:30am - 12:20pm	CHM 1106	Lab
0138	Maryann Jones	Seats (Total: 24)	
	Meets May 28, 2013 - August 18, 2013		
	Th 7:30pm - 10:20pm	CHM 1110	Lab

CHEM231 **Organic Chemistry I**

CHEM231 Organic Chemistry I; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: CHEM131, CHEM135, or CHEM146; and (CHEM132, CHEM136, CHEM147, or CHEM177); and a grade of C- or better in the prerequisites is required of College of Computer, Mathematical, and Natural Sciences majors and recommended for all students. Corequisite: CHEM232. Credit only granted for: CHEM104, CHEM231, CHEM233 or CHEM237. Formerly: CHEM233.* The chemistry of carbon: aliphatic compounds, aromatic compounds, stereochemistry, arenes, halides, alcohols, esters and spectroscopy.

0171	Lee Friedman	Seats (Total: 28)	
	Meets May 28, 2013 - July 7, 2013		
	MTuWThF 8:00am - 9:20am TuTh 10:00am - 11:20am	CHM 1407 PHY 1219	Discussion
0172	Lee Friedman	Seats (Total: 28)	
	Meets May 28, 2013 - July 7, 2013		
	MTuWThF 8:00am - 9:20am TuTh 10:00am - 11:20am	CHM 1407 CHM 0122	Discussion
0178	Howard Fribush	Seats (Total: 29)	
	Meets May 28, 2013 - August 18, 2013		
	Tu 6:30pm - 9:30pm Th 6:30pm - 7:20pm	PLS 1130 CHM 1228	Discussion
0179	Howard Fribush	Seats (Total: 28)	
	Meets May 28, 2013 - August 18, 2013		
	Tu 6:30pm - 9:30pm Th 6:30pm - 7:20pm	PLS 1130 CHM 0122	Discussion
0271	Lenea Stocker	Seats (Total: 44)	
	Meets July 8, 2013 - August 18, 2013		
	MTuWThF 8:00am - 9:20am TuTh 9:30am - 10:50am	CHM 1407 CHM 1228	Discussion

CHEM232 **Organic Chemistry Laboratory I**

CHEM232 Organic Chemistry Laboratory I; (1 credit) Grade Method: REG. *Prerequisite: CHEM131 and CHEM132; or (CHEM135 and CHEM136); or (CHEM146 and CHEM147). And a grade of C- or better in the prerequisites is required for College of Computer, Mathematical, and Natural Sciences majors and recommended for all students. Corequisite: CHEM231. Credit only granted for: CHEM104, CHEM231, CHEM233 or CHEM237. Formerly: CHEM233.* Provides experience in developing some basic laboratory techniques, recrystallization, distillation, extraction, chromatography. Students must pay a $40.00 Laboratory Materials fee.

0171	Maryann Jones	Seats (Total: 18)	
	Meets May 28, 2013 - July 7, 2013		
	MWF 9:30am - 12:20pm	CHM 1360	Lab

0172	Maryann Jones **Meets May 28, 2013 - July 7, 2013** MWF 9:30am - 12:20pm	Seats (Total: 18) CHM 1356	 Lab
0178	Maryann Jones **Meets May 28, 2013 - August 18, 2013** Th 7:30pm - 10:20pm	Seats (Total: 18) CHM 1302	 Lab
0179	Maryann Jones **Meets May 28, 2013 - August 18, 2013** Th 7:30pm - 10:20pm	Seats (Total: 18) CHM 1308	 Lab
0271	Lenea Stocker **Meets July 8, 2013 - August 18, 2013** MWF 9:30am - 12:20pm	Seats (Total: 18) CHM 1360	 Lab

CHEM241 **Organic Chemistry II**

CHEM241 Organic Chemistry II; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: CHEM231 and CHEM232; or CHEM237. And a grade of C- or better in the prerequisites is required for College of Computer, Mathematical, and Natural Sciences majors and recommended for all students. Credit only granted for: CHEM241, CHEM243 or CHEM247. Formerly: CHEM243.* A continuation of CHEM231 with emphasis on molecular structure; substitution reactions; carbonium ions; aromaticity; synthetic processes; macromolecules.

0191	Bonnie Dixon **Meets May 28, 2013 - July 7, 2013** MTuWThF 11:00am - 12:20pm TuTh 9:30am - 10:50am	Seats (Total: 35) CHM 1407 CHM 0127	 Discussion
0192	Bonnie Dixon **Meets May 28, 2013 - July 7, 2013** MTuWThF 11:00am - 12:20pm TuTh 9:30am - 10:50am	Seats (Total: 35) CHM 1407 CHM 0115	 Discussion
0291	Raffaele Perrotta **Meets July 8, 2013 - August 18, 2013** MTuWThF 11:00am - 12:20pm TuTh 9:30am - 10:50am	Seats (Total: 35) CHM 1407 CHM 0127	 Discussion

0292	Raffaele Perrotta	Seats (Total: 20)	
	Meets July 8, 2013 - August 18, 2013		
	MTuWThF 11:00am - 12:20pm	CHM 1407	
	TuTh 9:30am - 10:50am	CHM 0128	Discussion

CHEM242 **Organic Chemistry Laboratory II**

CHEM242 Organic Chemistry Laboratory II; (1 credit) Grade Method: REG. *Prerequisite: CHEM231 and CHEM232; or CHEM237. And a grade of C- or better in the prerequisites is required for College of Computer, Mathematical, and Natural Sciences majors and recommended for all students. Corequisite: CHEM241. Credit only granted for: CHEM243 or CHEM247. Formerly: CHEM243.* Synthetic organic chemistry through functional group manipulation, introduction to instrumentation essential to analysis and structure elucidation. Students must pay a $40.00 Laboratory Materials fee.

0191	Maryann Jones	Seats (Total: 18)	
	Meets May 28, 2013 - July 7, 2013		
	MWF 8:00am - 10:50am	CHM 1326	Lab
0192	Maryann Jones	Seats (Total: 18)	
	Meets May 28, 2013 - July 7, 2013		
	MWF 8:00am - 10:50am	CHM 1330	Lab
0291	Maryann Jones	Seats (Total: 18)	
	Meets July 8, 2013 - August 18, 2013		
	MWF 8:00am - 10:50am	CHM 1326	Lab
0292	Maryann Jones	Seats (Total: 18)	
	Meets July 8, 2013 - August 18, 2013		
	MWF 8:00am - 10:50am	CHM 1330	Lab

CHEM271 **General Chemistry and Energetics**

CHEM271 General Chemistry and Energetics; (2 credits) Grade Method: REG/P-F/AUD.
Prerequisite: CHEM241 and CHEM242; or CHEM247. And a grade of C- or better in the prerequisites for College of Computer, Mathematical, and Natural Sciences majors and recommended for all students. Corequisite: CHEM272. Credit only granted for: CHEM113, CHEM153, CHEM271 or CHEM276. Formerly: CHEM113. An introduction to the physical aspects of chemistry; chemical kinetics, thermodynamics and electrochemistry in the context of current chemistry research.

0141	Earle Stone	Seats (Total: 24)	
	Meets May 28, 2013 - July 7, 2013		
	MWF 11:00am - 12:20pm	CHM 1402	
	TuTh 9:30am - 10:50am	CHM 1228	Discussion
0142	Earle Stone	Seats (Total: 24)	
	Meets May 28, 2013 - July 7, 2013		
	MWF 11:00am - 12:20pm	CHM 1402	
	TuTh 9:30am - 10:50am	CHM 0119	Discussion

CHEM272 **General Bioanalytical Chemistry Laboratory**

CHEM272 General Bioanalytical Chemistry Laboratory; (2 credits) Grade Method: REG/P-F.
Prerequisite: CHEM241 and CHEM242; or CHEM247. And a grade of C- or better in the prerequisites is required for College of Computer, Mathematical, and Natural Sciences majors and recommended for all students. Corequisite: CHEM271. Credit only granted for: CHEM227, CHEM272 or CHEM277. An introduction to analytical chemistry with an emphasis on bio-analytical instrumentation and techniques. Students must pay a $40.00 laboratory materials fee.

0141	Natalia White	Seats (Total: 24)	
	Meets May 28, 2013 - July 7, 2013		
	TuTh 11:00am - 12:20pm	CHM 1402	
	MWF 8:00am - 10:50am	CHM 1112	Lab
0142	Natalia White	Seats (Total: 24)	
	Meets May 28, 2013 - July 7, 2013		
	TuTh 11:00am - 12:20pm	CHM 1402	
	MWF 8:00am - 10:50am	CHM 1128	Lab

0143	Natalia White	Seats (Total: 24)	
	Meets May 28, 2013 - July 7, 2013		
	TuTh 11:00am - 12:20pm	CHM 1402	
	MWF 8:00am - 10:50am	CHM 1111	Lab

CHEM398 **Special Projects**

CHEM398 Special Projects; (2 credits) Grade Method: REG/P-F/AUD.

0141	Instructor: TBA	Seats (Total: 5)
	Meets May 28, 2013 - July 7, 2013	
	Contact instructor or department for details.	
0241	Instructor: TBA	Seats (Total: 5)
	Meets July 8, 2013 - August 18, 2013	
	Contact instructor or department for details.	

CHEM399 **Introduction to Chemical Research**

CHEM399 *(PermReq)* **Introduction to Chemical Research; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CHEM399A **Introduction to Chemical Research**

CHEM399A *(PermReq)* **Introduction to Chemical Research; (1-3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: permission of department.

0106	Neil Blough	Seats (Total: 5)
	Meets May 28, 2013 - July 7, 2013	
	Contact instructor or department for details.	
0112	Instructor: TBA	Seats (Total: 5)
	Meets May 28, 2013 - July 7, 2013	
	Contact instructor or department for details.	

0141	Instructor: TBA **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 5)
0194	Efrain Rodriguez **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 5)
0206	Neil Blough **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 5)
0212	Instructor: TBA **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 5)
0241	Instructor: TBA **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 5)
0294	Efrain Rodriguez **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 5)

CHEM399B **Introduction to Chemical Research**

CHEM399B *(PermReq)* **Introduction to Chemical Research; (1-3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: permission of department.

0141	Instructor: TBA **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 5)
0176	Instructor: TBA **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 5)
0194	Instructor: TBA **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 5)

0241	Instructor: TBA **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 5)
0270	Nicole LaRonde **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 5)
0276	Instructor: TBA **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 5)

CHEM399C **Introduction to Chemical Research**

CHEM399C *(PermReq)* **Introduction to Chemical Research; (1-3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: permission of department.

0141	Instructor: TBA **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 5)
0241	Instructor: TBA **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 5)

CHEM399X **Introduction to Chemical Research**

CHEM399X *(PermReq)* **Introduction to Chemical Research; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: permission of department.

0101	Herman Ammon **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 5)
0201	Herman Ammon **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 5)

CHEM699 **Special Problems in Chemistry**

CHEM699 Special Problems in Chemistry; (1-6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CHEM799 **Master's Thesis Research**

CHEM799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CHEM898 **Pre-Candidacy Research**

CHEM898 Pre-Candidacy Research; (1 credit) Grade Method: REG/S-F.

0101	Instructor: TBA **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0201	Instructor: TBA **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
0283	Michael Zachariah **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)

CHEM899 **Doctoral Dissertation Research**

CHEM899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CHIN Chinese Summer 2013

CHIN169A **Special Topics in Study Abroad I; Elementary Chinese I**
Contact department for information to register for this course.

CHIN169B **Special Topics in Study Abroad I; Elementary Chinese II**
Contact department for information to register for this course.

CHIN169C **Special Topics in Study Abroad I; Introduction to Chinese Language I**
Contact department for information to register for this course.

CHIN169D **Special Topics in Study Abroad I; Introduction to Chinese Lanuage II**
Contact department for information to register for this course.

CHIN201 **Intermediate Spoken Chinese I**
Contact department for information to register for this course.

CHIN202 **Intermediate Written Chinese I**
Contact department for information to register for this course.

CHIN203 **Intermediate Spoken Chinese II**
Contact department for information to register for this course.

CHIN204 **Intermediate Written Chinese II**
Contact department for information to register for this course.

CHIN220 **Beginning Chinese Calligraphy**

CHIN220 Beginning Chinese Calligraphy; (3 credits) Grade Method: REG/P-F/AUD. CORE Diversity (D) Course.
Credit only granted for: CHIN220 or CHIN331. Introduction to techniques, history, and culture of Chinese calligraphy. Extensive hands-on practice. Taught in English.

0301	Yuli Wang	Seats (Total: 25)
	Meets May 28, 2013 - June 14, 2013	
	MTuWThF 12:00pm - 3:00pm	JMZ 1117

CHIN269B **Special Topics in Study Abroad II; Chinese Business Issues and Practices**
Contact department for information to register for this course.

CHIN269I **Special Topics in Study Abroad II; Intermediate Spoken Chinese I**
Contact department for information to register for this course.

CHIN269J	**Special Topics in Study Abroad II; Intermediate Chinese I** **Contact department for information to register for this course.**
CHIN269K	**Special Topics in Study Abroad II; Intermediate Chinese II** **Contact department for information to register for this course.**
CHIN269P	**Special Topics in Study Abroad II; The China Phenomenon: Society, Politics and Business** **Contact department for information to register for this course.**
CHIN269V	**Special Topics in Study Abroad II; Chinese Calligraphy I** **Contact department for information to register for this course.**
CHIN269W	**Special Topics in Study Abroad II; Chinese Calligraphy II** **Contact department for information to register for this course.**
CHIN269Z	**Special Topics in Study Abroad II; Modern Chinese Culture and Society** **Contact department for information to register for this course.**
CHIN301	**Advanced Chinese I** **Contact department for information to register for this course.**
CHIN302	**Advanced Chinese II** **Contact department for information to register for this course.**
CHIN369B	**Special Topics in Study Abroad III; Advanced Chinese I** **Contact department for information to register for this course.**
CHIN369C	**Special Topics in Study Abroad III; Advanced Chinese II** **Contact department for information to register for this course.**
CHIN369E	**Special Topics in Study Abroad III; Advanced Chinese IV** **Contact department for information to register for this course.**

CLAS Classics Summer 2013

CLAS170	**Greek and Roman Mythology**

CLAS170 Greek and Roman Mythology; (3 credits) Grade Method: REG/P-F/AUD. CORE Literature (HL) Course. GenEd: Distributive Studies - Humanities.
Also offered as: RELS170. Credit only granted for: CLAS170 or RELS170. Additional information: This course cannot be taken for language credit. An introduction to the mythology of ancient Greece and Rome. This course is particularly recommended for students planning to major in foreign languages, English, history, the fine arts, or journalism. Taught in English.

0101	Phillip Gallagher **Meets May 28, 2013 - July 7, 2013** MTh 5:00pm - 8:45pm	Seats (Total: 30) MMH 0108
0201	Jason Edwards **Meets July 8, 2013 - August 18, 2013** MTuWTh 10:00am - 11:40am	Seats (Total: 17) KEY 0125
WB11	Gregory Staley **Meets May 28, 2013 - July 7, 2013** Class time/details on ELMs	Seats (Total: 26) ONLINE
WB21	William Proffitt **Meets July 8, 2013 - August 18, 2013** Class time/details on ELMs	Seats (Total: 30) ONLINE
XA21	Jason Edwards **Meets July 8, 2013 - August 18, 2013** MTuWTh 10:00am - 11:40am	Seats (Total: 0) KEY 0125

CLAS308L **The Classics in Context; Greece: The Living Legacy**
Contact department for information to register for this course.

CLAS499 **Independent Study in Classical Languages and Literatures**

CLAS499 *(PermReq)* **Independent Study in Classical Languages and Literatures; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CLAS499P **Independent Study in Classical Languages and Literatures; Classical Myths in Europe: Paris**

Contact department for information to register for this course.

CLAS699 **Independent Study in Classical Civilization**

CLAS699 *(PermReq)* **Independent Study in Classical Civilization; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CLAS799 **Master's Thesis Research**

CLAS799 *(PermReq)* **Master's Thesis Research; (1-6 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CLFS Chemical and Life Sciences Summer 2013

CLFS001 **Life Science Assessment Test**
Contact department for information to register for this course.

CLFS608 **Seminar in Current Topics in Chemical and Life Science; Scholarly Paper**

CLFS608 *(PermReq)* **Seminar in Current Topics in Chemical and Life Science: Scholarly Paper; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Contact Dr. Brett Kent (bkent@umd.edu) to establish a mentor; and then contact the Office of Extended Studies (oes@umd.edu) to register for this class.

Contact department for information to register for this course.

CLFS608A **Seminar in Current Topics in Chemical and Life Science; Independent Research**

CLFS608A *(PermReq)* **Seminar in Current Topics in Chemical and Life Science: Independent Research; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Contact the Office of Extended Studies (oes@umd.edu) to register for this class.

Contact department for information to register for this course.

CLFS609D **Special Topics; Microbiology**

CLFS609D Special Topics: Microbiology; (3 credits) Grade Method: REG/AUD.

PL01	Robert Hall	Seats (Total: 25)
	Meets May 28, 2013 - August 18, 2013	
	Class time/details on ELMs	ONLINE

CLFS609E **Special Topics; Immunology**

CLFS609E Special Topics: Immunology; (3 credits) Grade Method: REG/AUD.

PL01	Carol Pontzer	Seats (Total: 30)
	Meets May 28, 2013 - August 18, 2013	
	Class time/details on ELMs	ONLINE

CLFS609J **Special Topics; Evolutionary Biology**

CLFS609J Special Topics: Evolutionary Biology; (3 credits) Grade Method: REG/AUD.

PL01	Janet Norcross, Bruce Cushing	Seats (Total: 31)
	Meets May 28, 2013 - August 18, 2013	
	Class time/details on ELMs	ONLINE

CLFS619C **Special Topics in Chemistry; Chemical Biology**

CLFS619C Special Topics in Chemistry: Chemical Biology; (3 credits) Grade Method: REG/AUD.

PL01	Emily English	Seats (Total: 20)
	Meets May 28, 2013 - August 18, 2013	
	Class time/details on ELMs	ONLINE

CLFS640 **Human Physiology**

CLFS640 Human Physiology; (3 credits) Grade Method: REG/AUD.
Prerequisite: Two years of teaching experience; and CLFS510. Restriction: Must be in Master of Chemical & Life Sciences (Master's) program; and permission of CMNS-Chemical & Life Sciences department. Examination of the major organ system of the human body and of the neural and hormonal mechanisms responsible for their regulation and control.

PL01	John Kapp, William Higgins	Seats (Total: 30)
	Meets May 28, 2013 - August 18, 2013	
	Class time/details on ELMs	ONLINE

CLFS710 **Experimental Biology**

CLFS710 Experimental Biology; (6 credits) Grade Method: REG/AUD. *Formerly: LFSC710.* Participants develop skills in four areas of biological research while investigating a variety of biological systems. Those areas include: (1) iterative scientific methods, (2) basic laboratory techniques, (3) experimental design and analysis, and (4) critical evaluation of published research.

PL01	Bretton Kent	Seats (Total: 22)
	Meets June 17, 2013 - July 26, 2013	
	MTuWThF 8:30am - 4:30pm	HJP 3214

CLFS725 **Experimental Design**

CLFS725 Experimental Design; (2 credits) Grade Method: REG/AUD. *Credit only granted for: LFSC710, LFSC719, or LFSC725. Formerly: LFSC719.* Experimental design and statistics for science teachers that emphasizes the underlying structure of data and how this affects the quality and reliability of experiments. Examines the nature of data, the methods for designing rigorous experiments, important experimental design formats, and the relationships between data structure and analysis. Course work focuses on the design and analysis of orginal experiments for a series of research problems.

PL01	Bretton Kent	Seats (Total: 30)
	Meets May 28, 2013 - August 18, 2013	
	Class time/details on ELMs	ONLINE

CMLT Comparative Literature Summer 2013

CMLT270 **Global Literature and Social Change**

CMLT270 Global Literature and Social Change; (3 credits) Grade Method: REG/P-F/AUD. CORE Literature (HL) Course. CORE Diversity (D) Course. GenEd: Distributive Studies - Humanities; Diversity - Understanding Plural Societies. Comparative study of literature through selected literary works from several non-Western cultures, viewed cross-culturally in light of particular social, political, and economic perspectives.

WB11	Sangeeta Ray	Seats (Total: 25)
	Meets May 28, 2013 - July 7, 2013	
	Class time/details on ELMs	ONLINE

CMLT369A **Special Topics in Study Abroad III; The New Poetry of Sixteenth-Century Spain and England**
Contact department for information to register for this course.

CMLT386 **Experiential Learning**

CMLT386 *(PermReq)* **Experiential Learning; (3-6 credits)** Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.
Restriction: Junior standing or higher; and permission of ARHU-English department.

Contact department for information to register for this course.

CMLT398L **Special Topics in Comparative Studies; Sexuality in the Cinema**

CMLT398L Special Topics in Comparative Studies: Sexuality in the Cinema; (3 credits) Grade Method: REG/P-F/AUD.
Also offered as ENGL329C.

0201	Eugene Robinson	Seats (Total: 35)
	Meets July 8, 2013 - August 18, 2013	
	TuTh 6:00pm - 9:15pm	TWS 0221

CMLT699 **Independent Study**

CMLT699 *(PermReq)* **Independent Study; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CMLT788 **Practicum in Comparative Studies**

CMLT788 *(PermReq)* **Practicum in Comparative Studies; (1-6 credits)** Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CMLT799 **Master's Thesis Research**

CMLT799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CMLT899 **Doctoral Dissertation Research**

CMLT899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CMSC Computer Science Summer 2013

CMSC131 **Object-Oriented Programming I**

CMSC131 *(PermReq)* **Object-Oriented Programming I; (4 credits)** Grade Method: REG.
Corequisite: MATH140; and permission of CMNS-Computer Science department.
Introduction to programming and computer science. Emphasizes understanding and implementation of applications using object-oriented techniques. Develops skills such as program design and testing as well as implementation of programs using a graphical IDE. Programming done in Java. For CMSC majors only.

0101	Garrett Katz	Seats (Total: 50)	
	Meets May 28, 2013 - August 2, 2013		
	MWF 11:00am - 12:20pm	CSI 1122	
	TuTh 11:00am - 12:20pm	CSI 1122	Discussion

CMSC132 **Object-Oriented Programming II**

CMSC132 *(PermReq)* **Object-Oriented Programming II; (4 credits)** Grade Method: REG.
Prerequisite: Minimum grade of C- in CMSC131; or must have earned a score of 5 on the A Java AP exam. Or permission of the department based on satisfactory performance on the department placement exam; and minimum grade of C- in MATH140; and permission of CMNS-Computer Science department. Introduction to use of computers to solve problems using software engineering principles. Design, build, test, and debug medium -size software systems and learn to use relevant tools. Use object-oriented methods to create effective and efficient problem solutions. Use and implement application programming interfaces (APIs). Programming done in Java.

0101	Nelson Padua-Perez	Seats (Total: 60)	
	Meets May 28, 2013 - August 2, 2013		
	MWF 11:00am - 12:20pm	CSI 2117	
	TuTh 11:00am - 12:20pm	CSI 2117	Discussion

CMSC198B **Special Topics in Computer Science for Non-Majors; A Hands Off Approach**

CMSC198B *(PermReq)* **Special Topics in Computer Science for Non-Majors: A Hands Off Approach; (1-4 credits)** Grade Method: REG/P-F/AUD.

YS41	William Gasarch	Seats (Total: 24)
	Meets July 8, 2013 - July 26, 2013	
	MTuWThF 10:00am - 1:00pm	PLS 1184
	This section is part of The Young Scholars Program. Enrollment by permission only.	

CMSC216 **Introduction to Computer Systems**

CMSC216 *(PermReq)* **Introduction to Computer Systems; (4 credits)** Grade Method: REG.
Prerequisite: Minimum grade of C- in CMSC132; and minimum grade of C- in MATH141. Corequisite: CMSC250. Credit only granted for: CMSC212, (CMSC213 and CMSC313), or CMSC216. Machine representation of data including intergers and floating point. Modern computer architectural features and their interaction with software (registers, caches). Interaction between user programs and the OS: system class, process, and thread management. Optimizing software to improve runtime performance using both compilers and hand turning.

0101	Nelson Padua-Perez	Seats (Total: 63)	
	Meets May 28, 2013 - August 16, 2013		
	MWF 2:00pm - 3:10pm	CSI 2117	
	TuTh 2:00pm - 3:10pm	CSI 2117	Discussion

CMSC250 **Discrete Structures**

CMSC250 *(PermReq)* **Discrete Structures; (4 credits)** Grade Method: REG.
Prerequisite: Minimum grade of C- in CMSC131; and minimum grade of C- in MATH141. Restriction: Permission of CMNS-Computer Science department. Formerly: CMSC150. Fundamental mathematical concepts related to computer science, including finite and infinite sets, relations, functions, and propositional logic. Introduction to other techniques, modeling and solving problems in computer science. Introduction to permutations, combinations, graphs, and trees with selected applications.

0101	Adam Groce	Seats (Total: 40)	
	Meets May 28, 2013 - July 19, 2013		
	MWF 9:30am - 10:50am	CSI 1122	
	TuTh 9:30am - 10:50am	CSI 1122	

CMSC330 **Organization of Programming Languages**

CMSC330 *(PermReq)* **Organization of Programming Languages; (3 credits)** Grade Method: REG.
Prerequisite: Minimum grade of C- in CMSC250 and CMSC216; and permission of CMNS-Computer Science department. The semantics of programming languages and their run-time organization. Several different models of languages are discussed, including procedural (e.g., C, Pascal), functional (e.g., ML, LISP), rule-based (e.g., Prolog), and object-oriented (e.g., C++, Smalltalk). Run-time structures, including dynamic versus static scope rules, storage for strings, arrays, records, and object inheritance are explored.

0101	Dave Tahmoush	Seats (Total: 42)	
	Meets May 28, 2013 - July 19, 2013		
	MWF 2:30pm - 3:50pm	CSI 3117	
	TuTh 2:30pm - 3:50pm	CSI 3117	Discussion

CMSC351 **Algorithms**

CMSC351 *(PermReq)* **Algorithms; (3 credits)** Grade Method: REG.
Prerequisite: Minimum grade of C- in CMSC250 and CMSC216; and permission of CMNS-Computer Science department. Credit only granted for: CMSC251 or CMSC351. Additional information: CMSC351 may not count as one of the required upper level CMSC courses for students who are required to have 24 upper level CMSC credits for graduation, i.e. for students who became computer science majors prior to Fall, 2002. A systematic study of the complexity of some elementary algorithms related to sorting, graphs and trees, and combinatorics. Algorithms are analyzed using mathematical techniques to solve recurrences and summations.

0101	Clyde Kruskal	Seats (Total: 45)
	Meets May 28, 2013 - July 5, 2013	
	MTuWThF 9:30am - 10:55am	CSI 2107

CMSC411 **Computer Systems Architecture**

CMSC411 *(PermReq)* **Computer Systems Architecture; (3 credits)** Grade Method: REG.
Prerequisite: Minimum grade of C- in CMSC330; or must be in the (Computer Science (Doctoral), Computer Science (Master's)) program. Restriction: Permission of CMNS-Computer Science department. Input/output processors and techniques. Intra-system communication, buses, caches. Addressing and memory hierarchies. Microprogramming, parallelism, and pipelining.

0201	Michelle Hugue	Seats (Total: 50)
	Meets July 8, 2013 - August 16, 2013	
	MTuWThF 11:00am - 12:20pm	CSI 1115

CMSC420 **Data Structures**

CMSC420 *(PermReq)* **Data Structures; (3 credits)** Grade Method: REG.
Prerequisite: Minimum grade of C- in CMSC351 and CMSC330; and permission of CMNS-Computer Science department. Or must be in the (Computer Science (Doctoral), Computer Science (Master's)) program. Description, properties, and storage allocation of data structures including lists and trees. Algorithms for manipulating structures. Applications from areas such as data processing, information retrieval, symbol manipulation, and operating systems.

0101	Michelle Hugue	Seats (Total: 60)
	Meets May 28, 2013 - July 19, 2013	
	MTuWTh 12:30pm - 1:50pm	CSI 1115

CMSC435 **Software Engineering**

CMSC435 Software Engineering; (3 credits) Grade Method: REG. CORE Capstone (CS) Course.
Prerequisite: 1 course with a minimum grade of C- from (CMSC412, CMSC417, CMSC420, CMSC430, CMSC433); and permission of CMNS-Computer Science department. Or must be in the (Computer Science (Doctoral), Computer Science (Master's)) program. State-of-the-art techniques in software design and development. Laboratory experience in applying the techniques covered. Structured design, structured programming, top-down design and development, segmentation and modularization techniques, iterative enhancement, design and code inspection techniques, correctness, and chief-programmer teams. The development of a large software project.

0101	Atif Memon	Seats (Total: 25)
	Meets May 28, 2013 - July 19, 2013	
	MTuWTh 9:30am - 10:50am	CSI 3120

CMSC498A **Selected Topics in Computer Science**

CMSC498A *(PermReq)* **Selected Topics in Computer Science; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CMSC499A **Independent Undergraduate Research**

CMSC499A Independent Undergraduate Research; (1-3 credits) Grade Method: REG.

0130	Michael Hicks	Seats (Total: 1)
	Meets May 28, 2013 - July 7, 2013	
	Contact instructor or department for details.	

0150	Atif Memon **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 1)
0151	Jennifer Golbeck **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 1)
0152	Hal Daume **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 1)
0153	David Mount **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 1)

CMSC798 **Graduate Seminar in Computer Science**

CMSC798 Graduate Seminar in Computer Science; (1-3 credits) Grade Method: REG/AUD.

0101	Ashok Agrawala **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0102	John Aloimonos **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0103	Victor Basili **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0104	Larry Davis **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0105	Bonnie Dorr **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)

0106	Howard Elman **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0107	Hal Daume **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0108	Manoj Franklin **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0109	Jeffrey Foster **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0110	William Gasarch **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0111	Hector Bravo **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 5)
0112	James Hendler **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0113	Jeffrey Hollingsworth **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0114	Peter Keleher **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0115	Samir Khuller **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)

0116	Elaine Shi **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 5)
0119	David Mount **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0120	Dana Nau **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0121	Dianne O'Leary **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0122	Donald Perlis **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0123	Adam Porter **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0124	William Pugh **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0125	James Purtilo **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0126	James Reggia **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0127	Nicholas Roussopoulos **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)

0129	Hanan Samet **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0130	A.U. Shankar **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0131	Ben Shneiderman **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0133	Gilbert Stewart **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0134	Venkatramanan Subrahmanian **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0135	Chau-Wen Tseng **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0140	Ben Bederson **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0141	Amy Weinberg **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0142	Samrat Bhattacharjee **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0144	Amitabh Varshney **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)

0145	William Arbaugh **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0147	Ramalingam Chellappa **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0148	Aravind Srinivasan **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0149	Alan Sussman **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0150	Atif Memon **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0156	Lise Getoor **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0158	Allison Druin **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0159	Francois Guimbretiere **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0160	David Jacobs **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0161	Louiqa Raschid **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)

0162	Michel Cukier **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0163	Michael Hicks **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0164	Jonathan Katz **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0165	Philip Resnik **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0166	Leila Defloriani **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0167	Amol Deshpande **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0168	Ramani Duraiswami **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0169	Steven Salzberg **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0170	Neil Spring **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0171	Uzi Vishkin **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)

0175	Mihai Pop **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0178	John Horty **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0179	Michelle Hugue **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0181	Douglas Oard **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0184	Walter Cleaveland **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0185	Jimmy Lin **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0186	Vibha Sazawal **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0187	Jordan Boyd-Graber **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0201	Ashok Agrawala **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
0202	John Aloimonos **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)

0203	Victor Basili **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
0204	Larry Davis **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
0205	Bonnie Dorr **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
0206	Howard Elman **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
0207	Hal Daume **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
0208	Manoj Franklin **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
0209	Jeffrey Foster **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
0210	William Gasarch **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
0211	Hector Bravo **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 5)
0212	James Hendler **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)

0213	Jeffrey Hollingsworth **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
0214	Peter Keleher **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
0215	Samir Khuller **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
0216	Elaine Shi **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 5)
0219	David Mount **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
0220	Douglas Oard **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
0222	Donald Perlis **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
0223	Adam Porter **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
0224	William Pugh **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
0225	James Purtilo **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)

0226	James Reggia **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
0227	Nicholas Roussopoulos **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
0229	Hanan Samet **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
0230	A.U. Shankar **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
0231	Ben Shneiderman **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
0233	Gilbert Stewart **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
0234	Venkatramanan Subrahmanian **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
0235	Chau-Wen Tseng **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
0240	Ben Bederson **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
0241	Amy Weinberg **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)

0242	Samrat Bhattacharjee **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
0244	Amitabh Varshney **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 5)
0245	William Arbaugh **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
0247	Ramalingam Chellappa **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
0248	Aravind Srinivasan **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
0249	Alan Sussman **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
0250	Atif Memon **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
0256	Lise Getoor **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
0258	Allison Druin **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
0259	Francois Guimbretiere **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)

0260	David Jacobs **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
0261	Louiqa Raschid **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
0262	Michel Cukier **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
0263	Michael Hicks **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
0264	Jonathan Katz **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
0265	Philip Resnik **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
0266	Leila Defloriani **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
0267	Amol Deshpande **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
0268	Ramani Duraiswami **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
0269	Steven Salzberg **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)

0270	Neil Spring **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
0271	Uzi Vishkin **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
0275	Mihai Pop **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
0278	John Horty **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
0279	Michelle Hugue **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
0280	Dianne O'Leary **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
0284	Walter Cleaveland **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
0285	Jimmy Lin **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
0286	Vibha Sazawal **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
0287	Jordan Boyd-Graber **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)

CMSC798A Graduate Seminar in Computer Science

CMSC798A *(PermReq)* **Graduate Seminar in Computer Science; (1 credit)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CMSC799 **Master's Thesis Research**

CMSC799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CMSC898 **Pre-Candidacy Research**

CMSC898 *(PermReq)* **Pre-Candidacy Research; (1-8 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CMSC899 **Doctoral Dissertation Research**

CMSC899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

COMM Communication Summer 2013

COMM107 **Oral Communication: Principles and Practices**

COMM107 Oral Communication: Principles and Practices; (3 credits) Grade Method: REG/P-F. GenEd: Fundamental Studies - Oral Communications. *Credit only granted for: COMM107, COMM200, ENES143, INAG110, JOUR130 or THET285.* A study of and practice in oral communication, including principles of interviewing, group discussion, listening, informative briefings, and persuasive speeches.

0101	Jessica Lu	Seats (Total: 24)
	Meets May 28, 2013 - July 7, 2013	
	TuTh 6:30pm - 9:50pm	PLS 1180

0102	Irina Iles **Meets May 28, 2013 - July 7, 2013** MW 6:30pm - 9:55pm	Seats (Total: 24) PLS 1117
0201	Yvonne Slosarski **Meets July 8, 2013 - August 18, 2013** MW 6:30pm - 9:50pm	Seats (Total: 24) SKN 0104

COMM200 **Critical Thinking and Speaking**

COMM200 Critical Thinking and Speaking; (3 credits) Grade Method: REG/P-F/AUD. CORE Humanities (HO) Course. GenEd: Fundamental Studies - Oral Communications.
Credit only granted for: COMM107, COMM200, ENES143, INAG110, JOUR130, OR THET285. Theory and practice of persuasive discourse analysis and composition. Research techniques, logical and rhetorical conceptions of argument, and technical principles for persuading in public venues.

0101	Jade Olson **Meets May 28, 2013 - July 7, 2013** MW 2:00pm - 5:25pm	Seats (Total: 24) PLS 1158

COMM231 **News Writing and Reporting for Public Relations**

COMM231 *(PermReq)* **News Writing and Reporting for Public Relations; (3 credits)** Grade Method: REG/P-F/AUD.
Restriction: Must be in Communication program; and (sophomore standing; or junior standing). Or permission of ARHU-Communication department. Credit only granted for: JOUR201, JOUR201P, JOUR231, or COMM231. Formerly: JOUR231.
Introduction to writing and researching news and information media for public relations; laboratory in news-gathering tools and writing techniques for public relations.

0101	Susan Simon **Meets May 28, 2013 - July 7, 2013** MW 2:00pm - 5:25pm	Seats (Total: 18) EGR 3140

COMM232 **News Editing for Public Relations**

COMM232 *(PermReq)* **News Editing for Public Relations; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: Minimum grade of C- in COMM231; or students who have taken courses with comparable content may contact the department. And permission of ARHU-Communication department. Restriction: Must be in Communication program. Credit only granted for: JOUR202, JOUR202P, JOUR232, or COMM232. Formerly: JOUR232. Copy editing, graphic principles and processes, news and information technologies for public relations.

0201	Pamela Grant	Seats (Total: 18)
	Meets July 8, 2013 - August 18, 2013	
	TuTh 9:00am - 12:20pm	EGR 3140

COMM250 **Introduction to Communication Inquiry**

COMM250 Introduction to Communication Inquiry; (3 credits) Grade Method: REG/P-F/AUD.
An introduction to the field of communication. Definitions, models, and contexts of communication; rhetorical theory and rhetorical criticism of discourse.

0101	Lindsey Fox	Seats (Total: 70)
	Meets May 28, 2013 - July 7, 2013	
	TuTh 10:00am - 1:20pm	TYD 2106

COMM288 **Communication Internship**

COMM288 *(PermReq)* **Communication Internship; (1-6 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

COMM298L **Selected Topics in Communication; Speak Up!: People, Publics, and You**

COMM298L Selected Topics in Communication: Speak Up!: People, Publics, and You; (3 credits) Grade Method: REG/P-F/AUD.

YS41	Leah Waks, Kelly Daily, Amanda Irions	Seats (Total: 35)
	Meets July 8, 2013 - July 26, 2013	
	MTuWThF 9:00am - 12:00pm	SKN 0104
	This section is part of The Young Scholars Program. Enrollment by permission only.	

COMM324 **Communication and Gender**

COMM324 Communication and Gender; (3 credits) Grade Method: REG/P-F/AUD. CORE Diversity (D) Course. GenEd: Diversity - Understanding Plural Societies.
The creation of images of male and female, and masculine and feminine, through communication, the differences in male and female communication behaviors and styles, and the implications of those images and styles for male-female transactions.

0101	Tiffany Lewis	Seats (Total: 45)
	Meets May 28, 2013 - July 7, 2013	
	TuTh 6:00pm - 9:20pm	SKN 0104

COMM330 **Argumentation and Public Policy**

COMM330 Argumentation and Public Policy; (3 credits) Grade Method: REG/P-F/AUD.
Contemporary theories of argumentation with special emphasis on methods of formulating and critiquing public policy argument.

0101	Thomas McCloskey	Seats (Total: 35)
	Meets May 28, 2013 - July 5, 2013	
	MW 6:30pm - 9:55pm	SKN 0104

COMM350 **Public Relations Theory**

COMM350 Public Relations Theory; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: COMM231 or COMM250. Restriction: Must be in Communication program. Credit only granted for: COMM350 or COMM430.* The historical development and contemporary status of public relations in business, government, associations and other organizations. Application of communication theory and social science methods to the research, planning, communication and evaluation aspects of the public relations process.

0101	Sahar Khamis	Seats (Total: 35)
	Meets May 28, 2013 - July 7, 2013	
	TuTh 1:00pm - 4:20pm	SKN 0104

COMM369B **Special Topics in Study Abroad III; British Documentary Tradition**
Contact department for information to register for this course.

COMM369D **Special Topics in Study Abroad III; Digital Media in London**
Contact department for information to register for this course.

COMM369O **Special Topics in Study Abroad III; Organizational Communication in Italy**
Contact department for information to register for this course.

COMM371 **Communication and Digital Media**

COMM371 Communication and Digital Media; (3 credits) Grade Method: REG/P-F/AUD.
Restriction: Must be in Communication program. Credit only granted for: COMM371 or COMM398V. Formerly: COMM398V. A basic introduction to communication in the digital age. Through class lectures, assignments and projects, students will learn to effectively use new media for the purpose of strategic message creation and management used in the field of communication. Students will apply the basics of visual layout skills and the principles of visual design to create messages using words and images.

01Z1	Robert Coleman	Seats (Total: 20)
	Meets May 28, 2013 - July 7, 2013	
	TuTh 11:00am - 2:20pm	BLD3 3212
	This section meets at the Shady Grove campus.	
0201	Annie Nichols	Seats (Total: 30)
	Meets July 8, 2013 - August 18, 2013	
	TuTh 1:00pm - 5:00pm	PLS 1129
	There will be no class on August 1st and August 6th (thus the extended class time)	

COMM382 **Essentials of Intercultural Communication**

COMM382 Essentials of Intercultural Communication; (3 credits) Grade Method: REG/P-F/AUD. CORE Diversity (D) Course. GenEd: Diversity - Cultural Competency. *Credit only granted for: COMM382 or COMM482.* Introduction of major theories and concepts of intercultural communication; examination of processes that make up cultural differences; and use of intercultural communication competence skills.

WB11	Meina Liu **Meets May 28, 2013 - July 7, 2013** Class time/details on ELMs	Seats (Total: 35) ONLINE
WB21	Meina Liu **Meets July 8, 2013 - August 18, 2013** Class time/details on ELMs	Seats (Total: 35) ONLINE

COMM386 **Experiential Learning**

COMM386 *(PermReq)* **Experiential Learning; (3-6 credits)** Grade Method: REG/P-F. GenEd: Distributive Studies - Scholarship in Practice. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: Permission of ARHU-Communication department. Restriction: Junior standing or higher; and must be in Communication program. Supervised internship experience with communication professionals. Relation of academic training to professional experience.

Contact department for information to register for this course.

COMM388 **Communication Practicum**

COMM388 *(PermReq)* **Communication Practicum; (1-3 credits)** Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

COMM398W **Selected Topics in Communication; Web Design**

COMM398W Selected Topics in Communication: Web Design; (3 credits) Grade Method: REG.

02Z1	Robert Coleman **Meets July 8, 2013 - August 18, 2013** MW 2:00pm - 5:20pm *This section meets at the Shady Grove campus.*	Seats (Total: 20) BLD3 3212

COMM399 **Honors Thesis**

COMM399 *(PermReq)* **Honors Thesis; (3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

COMM400 **Research Methods in Communication**

COMM400 Research Methods in Communication; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: COMM250; and must have an introductory course in statistics. Restriction: Must be in Communication program. Philosophy of scientific method; role of theory; research ethics; empirical research methods (measurement, sampling, design, analysis).

0101	Edward Fink **Meets May 28, 2013 - July 7, 2013** TuTh 12:00pm - 4:00pm	Seats (Total: 35) SKN 1115
0102	Anita Seate **Meets May 28, 2013 - July 7, 2013** TuTh 12:00pm - 4:00pm	Seats (Total: 35) ARC 1103

COMM401 **Interpreting Strategic Discourse**

COMM401 Interpreting Strategic Discourse; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: COMM250. Restriction: Must be in Communication program. Principles and approaches for practical analysis of discourse designed to shape audience opinion.

0101	Jon Hoffman	Seats (Total: 35)
	Meets May 28, 2013 - July 7, 2013	
	MW 2:00pm - 5:25pm	CHM 1228

COMM402 **Communication Theory and Process**

COMM402 Communication Theory and Process; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: COMM250. Restriction: Must be in Communication program.
Philosophical and conceptual analysis of communication theories.

0101	David Payne	Seats (Total: 40)
	Meets May 28, 2013 - July 7, 2013	
	TuTh 4:00pm - 7:20pm	KEY 0119

COMM425 **Negotiation and Conflict Management**

COMM425 Negotiation and Conflict Management; (3 credits) Grade Method: REG/P-F/AUD.
Role of communication in shaping negotiation and conflict processes and outcomes.

0101	Lauren Edelstein	Seats (Total: 45)
	Meets May 28, 2013 - July 7, 2013	
	TuTh 1:00pm - 4:20pm	KEY 0102

COMM470 **Listening**

COMM470 Listening; (3 credits) Grade Method: REG/P-F/AUD.
The principles of listening behavior.

01Z1	Andrew Wolvin	Seats (Total: 45)
	Meets May 28, 2013 - July 7, 2013	
	TuTh 9:00am - 12:20pm	BLD3 3220
	This section meets at the Shady Grove campus.	

COMM482 **Intercultural Communication**
Contact department for information to register for this course.

COMM489 **Topical Research; Topical Research**

COMM489 *(PermReq)* **Topical Research: Topical Research; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

COMM798 **Independent Study**

COMM798 *(PermReq)* **Independent Study; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

COMM799 **Master's Thesis Research**

COMM799 *(PermReq)* **Master's Thesis Research; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

COMM898 **Pre-Candidacy Research**

COMM898 *(PermReq)* **Pre-Candidacy Research; (1-8 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

COMM899 **Doctoral Dissertation Research**

COMM899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CONS Sustainable Development & Conservation Biology — Summer 2013

CONS609I **Special Topics in Conservation Biology**

CONS609I Special Topics in Conservation Biology; (1 credit) Grade Method: REG/S-F.

0101	Karen Lips **Meets May 28, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 50)
I101	Karen Lips **Meets May 28, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 50)

CONS798 **Research Papers in Sustainable Development and Conservation Biology**

CONS798 *(PermReq)* **Research Papers in Sustainable Development and Conservation Biology; (1-4 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

CPSP College Park Scholars Program Summer 2013

CPSP239J **Practicum: Internship**

CPSP239J Practicum: Internship; (1-3 credits) Grade Method: REG.

I101	Kalyani Chadha **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 15)
I201	Kalyani Chadha **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 15)

CPSP239P **Practicum: Internship**

CPSP239P Practicum: Internship; (1-3 credits) Grade Method: REG/P-F/AUD.

I101	Jennifer Littlefield **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 5)

I201	Jennifer Littlefield	Seats (Total: 1)
	Meets July 8, 2013 - August 18, 2013	
	Contact instructor or department for details.	

CPSP279T **Practicum: Study Abroad; London: Cultural Capital**
Contact department for information to register for this course.

CPSP379I **Advanced Practicum: Study Abroad; India: Global Health and Development**
Contact department for information to register for this course.

CPSP379K **Advanced Practicum: Study Abroad; London: Cultural Capital**
Contact department for information to register for this course.

ECON Economics Summer 2013

ECON200 **Principles of Micro-Economics**

ECON200 Principles of Micro-Economics; (4 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. GenEd: Distributive Studies - History and Social Sciences.
Prerequisite: MATH110; or must have math eligibility of MATH111 or higher. Additional information: It is recommended that students complete ECON200 before taking ECON201. Introduces economic models of the behavior of individual consumers and business firms, problems of international trade, the distribution of income, policies for eliminating poverty and discrimination, the problems of environmental pollution, and the impact of different market structures upon economic activity.

WB11	Scott Ohlmacher	Seats (Total: 60)
	Meets May 28, 2013 - July 7, 2013	
	Class time/details on ELMs	ONLINE
WB21	Erin Moody	Seats (Total: 60)
	Meets July 8, 2013 - August 18, 2013	
	Class time/details on ELMs	ONLINE

ECON201 **Principles of Macro-Economics**

ECON201 Principles of Macro-Economics; (4 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. GenEd: Distributive Studies - History and Social Sciences.
Prerequisite: MATH110; or must have math eligibility of MATH111 or higher. Recommended: ECON200. Credit only granted for: ECON201 or ECON205. An introduction to the problems of unemployment, inflation, and economic growth. Emphasis on roles of monetary and fiscal policy in the conduct of macroeconomic policy.

0101	Matija Jancec **Meets May 28, 2013 - July 7, 2013** MTuW 6:00pm - 9:00pm	Seats (Total: 40) TYD 2109
0201	Jorge Salas Maldonado **Meets July 8, 2013 - August 18, 2013** MTuW 4:00pm - 7:00pm	Seats (Total: 40) TYD 2102

ECON258C **Special Topics in Study Abroad II; Chinese Economy**
Contact department for information to register for this course.

ECON300 **Methods and Tools for Economic Analysis**

ECON300 Methods and Tools for Economic Analysis; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: Minimum grade of C- in ECON201 and ECON200; and 1 course with a minimum grade of C- from (MATH140, MATH220, MATH130). Restriction: Must be in a major within BSOS-Economics department; and must not have completed MATH240 or MATH241. Covers several mathematics techniques and demonstrates their application to a wide variety of models and problems in both microeconomic and macroeconomic analysis. Reviews concepts from algebra and elementary calculus and introduces components of multivariable calculus, linear algebra and differential equations.

0101	Kristian Lopez Vargas **Meets May 28, 2013 - July 7, 2013** MW 6:30pm - 9:55pm	Seats (Total: 40) TYD 2111

0201	Ricardo Espinoza Gonzalez	Seats (Total: 40)
	Meets July 8, 2013 - August 18, 2013	
	MW 5:00pm - 8:10pm	TYD 2106

ECON305 **Intermediate Macroeconomic Theory and Policy**

ECON305 Intermediate Macroeconomic Theory and Policy; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: ECON201 and ECON200; and (MATH220, MATH140, or MATH130). Credit only granted for: ECON305 or ECON325.. Additional information: ECON325, Intermediate Macroeconomic Analysis, is a different course designed specifically for economics majors. ECON325 is accepted for ECON major requirements, but ECON305 is not. Analysis of the determination of national income, employment, and price levels. Discussion of consumption, investment, inflation, and government fiscal and monetary policy.

0201	Scott Ohlmacher	Seats (Total: 40)
	Meets July 8, 2013 - August 18, 2013	
	TuTh 9:00am - 12:10pm	TYD 0101

ECON306 **Intermediate Microeconomic Theory**

ECON306 Intermediate Microeconomic Theory; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: ECON200 or AREC250; and ECON201; and (MATH220, MATH140, or MATH130). Credit only granted for: ECON306 or ECON326.. Additional information: ECON306, Intermediate Microeconomic Theory, is a different course designed for other majors besides economics. ECON326 is accepted for ECON major requirements, but ECON306 is not. Analysis of the theories of consumer behavior and of the firm, market systems, distribution theory and the role of externalities.

0101	John Straub	Seats (Total: 40)
	Meets May 28, 2013 - July 7, 2013	
	TuTh 6:00pm - 9:25pm	TYD 1114

ECON311 **American Economic History Before the Civil War**

ECON311 American Economic History Before the Civil War; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: ECON201 and ECON200. Restriction: Must be in a major within BSOS-Economics department. Economic concepts are used to analyze various aspects of the founding and early history of the U.S., including the British settlement of the North American colonies, the economics of the American Revolutionary war, the writing of the Constitution, the development of financial markets, policies on public lands and the spread of western agriculture, slavery, banking, and early industrialization.

0201	Alvaro La Parra Perez	Seats (Total: 40)
	Meets July 8, 2013 - August 18, 2013	
	TuTh 3:00pm - 6:10pm	TYD 0102

ECON314 **Economic History, Development and Policy**
Contact department for information to register for this course.

ECON321 **Economic Statistics**

ECON321 Economic Statistics; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: Minimum grade of C- in ECON201 and ECON200; and 1 course with a minimum grade of C- from (MATH140, MATH220, MATH130). Recommended: STAT100. Restriction: Must be in a major within the BSOS-Economics department. Credit only granted for: BIOM301, BMGT230, CCJS200, ECON321, EDMS451, GEOG306, GVPT422, PSYC200 or SOCY201. Introduction to the use of statistics in economics. Topics include: Probability, random variables and their distributions, sampling theory, estimation, hypothesis testing, analysis of variance, regression analysis and correlation.

0101	Danyan Zha	Seats (Total: 40)
	Meets May 28, 2013 - July 7, 2013	
	TuTh 6:00pm - 9:25pm	TYD 1108
0201	Kevin Dayaratna	Seats (Total: 40)
	Meets July 8, 2013 - August 18, 2013	
	TuTh 4:00pm - 7:10pm	TYD 1118

ECON325 **Intermediate Macroeconomic Analysis**

ECON325 Intermediate Macroeconomic Analysis; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: Minimum grade of C- in ECON300. Restriction: Must be in a major within the BSOS-Economics department. Credit only granted for: ECON305 or ECON325. Additional information: ECON305, Intermediate Macroeconomic Theory and Policy, is a different course designed for other majors besides ECON. ECON325 is accepted for major requirements, but ECON305 is not. Analysis of macroeconomic behavior and policy with emphasis on theoretical rigor. Topics include the determinants of economic growth, unemployment, inflation, and international economic flows.

0101	Orhan Torul **Meets May 28, 2013 - July 7, 2013** MW 6:00pm - 9:25pm	Seats (Total: 40) TYD 0102
0201	Burak Turkgulu **Meets July 8, 2013 - August 18, 2013** TuTh 6:00pm - 9:10pm	Seats (Total: 40) TYD 0101

ECON326 **Intermediate Microeconomic Analysis**

ECON326 Intermediate Microeconomic Analysis; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: Minimum grade of C- in ECON300. Restriction: Must be in a major within the BSOS-Economics department. Credit only granted for: ECON306 or ECON326. Additional information: ECON306, Intermediate Microeconomic Theory and Policy, is a different course designed for other majors besides economics. ECON326 is accepted for ECON major requirements, but ECON306 is not. Analysis of economic decision-making by individual buyers and sellers, and resulting market outcomes, with emphasis on theoretical rigor. The efficient properties of perfect competition are examined, followed by consideration of market power, externalities, and asymmetric information.

0101	David Ruiz **Meets May 28, 2013 - July 7, 2013** TuTh 6:00pm - 9:25pm	Seats (Total: 40) TYD 0101
0201	Wei Li **Meets July 8, 2013 - August 18, 2013** MW 6:00pm - 9:10pm	Seats (Total: 40) TYD 1102

ECON330 **Money and Banking**

ECON330 Money and Banking; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: ECON201 and ECON200.* The structure of financial institutions and their role in the provision of money and near money. Analysis of the Federal Reserve System, the techniques of central banks, and the control of supply of financial assets in stabilization policy. Relationship of money and credit to economic activity and the price level.

0101	Dun Jia **Meets May 28, 2013 - July 7, 2013** MW 6:00pm - 9:25pm	Seats (Total: 40) TYD 1114
0201	Camilo Morales-Jimenez **Meets July 8, 2013 - August 18, 2013** TuTh 6:00pm - 9:10pm	Seats (Total: 40) TYD 0111

ECON340 **International Economics**

ECON340 International Economics; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: ECON201 and ECON200. Credit only granted for: ECON340 or ECON441.* Covers economic models of international transactions, exchange rates, and balance of payments. Analysis of policies of protection, devaluation, and exchange rate stabilization and their consequences.

0201	Marcelo Teixeira **Meets July 8, 2013 - August 18, 2013** MW 6:00pm - 9:10pm	Seats (Total: 40) TYD 1132

ECON386 **Experiential Learning**

ECON386 *(PermReq)* **Experiential Learning; (3 credits)** Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: ECON201 and ECON200. Restriction: Permission of BSOS-Economics department; and must be in a major within BSOS-Economics department; and minimum cumulative GPA of 2.75; and junior standing or higher. See Department Advising Office for course eligibility, course requirements, and application information.

Contact department for information to register for this course.

ECON399 **Individual Readings and Research For Undergraduates**

ECON399 *(PermReq)* **Individual Readings and Research For Undergraduates; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: six hours of upper division economics courses.

Contact department for information to register for this course.

ECON414 **Game Theory**

ECON414 Game Theory; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: Minimum grade of C- in ECON326; and 1 course with a minimum grade of C- from (ECON321, STAT400). Restriction: Must be in a major within the BSOS-Economics department. Credit only granted for: CMSC474, ECON414, or GVPT390. Studies the competitive and cooperative behavior that results when several parties with conflicting interests must work together. Learn how to use game theory to analyze situations of potential conflict. Applications are drawn from economics, business, and political science.

0101	Pablo Salinas Macario **Meets May 28, 2013 - July 7, 2013** TuTh 12:00pm - 3:25pm	Seats (Total: 40) TYD 2109
0201	Ozlem Tonguc **Meets July 8, 2013 - August 18, 2013** MW 4:00pm - 7:10pm	Seats (Total: 40) TYD 2110

ECON416 **Theory of Economic Development**

ECON416 Theory of Economic Development; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: Minimum grade of C- in ECON326; and 1 course with a minimum grade of C- from (ECON321, STAT400). Restriction: Must be in a major within the BSOS-Economics department. Credit only granted for: ECON315 or ECON416. Economic theory of the developing nations; role of innovation, capital formation, resources, institutions, trade and exchange rates, and governmental policies.

0101	Brian Quistorff **Meets May 28, 2013 - July 7, 2013** TuTh 6:00pm - 9:25pm	Seats (Total: 40) TYD 2106

ECON422 **Econometrics I**

ECON422 Econometrics I; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: 1 course with a minimum grade of C- from (ECON325, ECON326); and 1 course with a minimum grade of C- from (STAT400, ECON321). Restriction: Must be in a major within the BSOS-Economics department. Emphasizes the interaction between economic problems and the assumptions employed in statistical theory. Formulation, estimation, and testing of economic models, including single variable and multiple variable regression techniques, theory of identification, and issues relating to inference.

0101	Lixin Tang **Meets May 28, 2013 - July 7, 2013** TuTh 6:00pm - 9:25pm	Seats (Total: 40) TYD 2111
0201	Yiqun Chen **Meets July 8, 2013 - August 18, 2013** MW 4:00pm - 7:10pm	Seats (Total: 40) TYD 1118

ECON424 **Computer Methods in Economics**

ECON424 Computer Methods in Economics; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: 1 course with a minimum grade of C- from (ECON325, ECON326); and 1 course with a minimum grade of C- from (ECON321, STAT400). Restriction: Must be in a major within the BSOS-Economics department. Database development from Internet and other sources, research methods, and statistical analysis in economics using EXCEL and SAS.

0101	Yichen Zhou **Meets May 28, 2013 - July 7, 2013** TuTh 12:00pm - 3:25pm	Seats (Total: 38) LEF LAB 3

0201	Ken Ueda	Seats (Total: 38)
	Meets July 8, 2013 - August 18, 2013	
	MW 11:30am - 2:40pm	LEF LAB 3
	This section will meet in computer labs 3 (LEF 0229) & 4 (LEF 0231).	

ECON435 **Financial Markets and the Macroeconomy**

ECON435 Financial Markets and the Macroeconomy; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: Minimum grade of C- in ECON325 and ECON326; and 1 course with a minimum grade of C- from (ECON321, STAT400). Restriction: Must be in a major within the BSOS-Economics department; and must not have completed BMGT343. Credit only granted for: BMGT343 or ECON435. Additional information: Finance majors will not receive credit for ECON435. The different types of financial assets that exist, the markets that they trade in, and the determination of their prices and rates of return are examined. Specific topics that will be covered include the Markowitz portfolio selection model, the capital asset pricing model, the arbitrage pricing theory, the efficient markets hypothesis, the term structure of interest rates, and options. There will be almost no emphasis on issues in corporate finance.

0201	Alvaro Pedraza	Seats (Total: 40)
	Meets July 8, 2013 - August 18, 2013	
	TuTh 6:00pm - 9:10pm	TYD 1132

ECON454 **Public Finance and Public Policy**

ECON454 Public Finance and Public Policy; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: Minimum grade of C- in ECON326; and 1 course with a minimum grade of C- from (ECON321, STAT400). Restriction: Must be in a major within the BSOS-Economics department. Credit only granted for: ECON350 or ECON454. Study of welfare economics and the theory of public goods, taxation, public expenditures, benefit-cost analysis, and state and local finance. Applications of theory to current policy issues.

0101	Filippos Petroulakis	Seats (Total: 40)
	Meets May 28, 2013 - July 7, 2013	
	MW 6:00pm - 9:25pm	TYD 0111

ECON470 **Labor Economics:Theory and Evidence**

ECON470 Labor Economics:Theory and Evidence; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: Minimum grade of C- in ECON326; and 1 course with a minimum grade of C- from (ECON321, STAT400). Restriction: Must be in a major within the BSOS-Economics department. An analytical treatment of theories of labor markets, and an examination of empirical findings, evidence and conclusions. Topics covered will include some or all of the following: labor demand; labor supply and labor market participation; theory of human capital; earnings differentials; and if time allows, market structure and the efficiency of labor markets; and unemployment.

0201	Maria Prada	Seats (Total: 40)
	Meets July 8, 2013 - August 18, 2013	
	TuTh 1:00pm - 4:10pm	TYD 0111

ECON642 **Topics in Applied Macroeconomics**

ECON642 Topics in Applied Macroeconomics; (3 credits) Grade Method: REG/AUD.
Restriction: Must be in M.Prof.Studies: Applied Economics program; or permission of BSOS-Economics department. Focus is on applied macroeconomic models used by federal agencies to explain and predict economic behavior. Course emphasizes macroeconomic data: NIPA accounts, GDP, construction and application of CPI, labor force data and economic indicators. Students will also study a selected set of current macroeconomic topics including models of economic growth, economic fluctuations, monetary policy, inflation and financial markets.

PR01	John Kitchen	Seats (Total: 20)
	Meets May 28, 2013 - August 18, 2013	
	Tu 6:30pm - 9:15pm Contact instructor or department for details.	Location: TBA
	Class meets in 1400 16th Street, NW, WDC. Restricted to students in Professional Economics Program.	

ECON644 **Empirical Analysis II: Introduction to Economic Models**

ECON644 Empirical Analysis II: Introduction to Economic Models; (3 credits) Grade Method: REG/AUD.
Prerequisite: Must have completed ECON 643. The application of econometric methods to empirical problems in economics and public policy analysis, emphasizing single variable and multiple variable regression analysis and forecasting, time series data and decision analysis.

PR01	Maksim Belenkiy	Seats (Total: 20)
	Meets May 28, 2013 - August 18, 2013	
	Contact instructor or department for details.	
	Class meets in 1400 16th Street, NW, WDC. Restricted to students in Professional Economics Program.	

ECON672 **Program Analysis and Evaluation**

ECON672 Program Analysis and Evaluation; (3 credits) Grade Method: REG/AUD.
Prerequisite: Must have completed ECON 641; and must have completed or be concurrently enrolled in ECON 645. An introduction to the principles and tools of program evaluation of policy issues using the cost benefit framework. Topics include estimation under uncertainty, future benefits and costs and social welfare.

PR01	Ephraim Leibtag	Seats (Total: 20)
	Meets May 28, 2013 - August 18, 2013	
	M 6:30pm - 9:15pm	Location: TBA
	Contact instructor or department for details.	
	Class meets in Hemisphere A of the Ronald Reagan Building. Restricted t students in Professional Economics Program.	

ECON673 **Information, Game Theory and Market Design**

ECON673 Information, Game Theory and Market Design; (3 credits) Grade Method: REG/AUD.
Prerequisite: Must have completed ECON 641; and must have completed or be concurrently enrolled in ECON 645. A study of the strategic decision-making and the theory and practice of market design. Focus is on the design of organized market and incentives created by market rules. Topics include online auction markets, government auctions procurement auctions and matching markets. The analysis includes documenting the rules of real-world markets, game theoretic analysis, empirical analysis, and experimental work.

PR01	Nathaniel Higgins, Andrew Stocking	Seats (Total: 20)
	Meets May 28, 2013 - August 18, 2013	
	Tu 6:30pm - 9:15pm	Location: TBA
	Contact instructor or department for details.	
	Class meets in Hemisphere A of the Ronald Reagan Building. Restricted t students in Professional Economics Program.	

ECON698 **Selected Topics in Economics**

ECON698 Selected Topics in Economics; (3 credits) Grade Method: REG/AUD.

0142	John Shea	Seats (Total: 10)
	Meets May 28, 2013 - July 7, 2013	
	Contact instructor or department for details.	

ECON799 **Master's Thesis Research**

ECON799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ECON898 **Pre-Candidacy Research**

ECON898 *(PermReq)* **Pre-Candidacy Research; (1-8 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ECON899 **Doctoral Dissertation Research**

ECON899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCI Curriculum and Instruction Summer 2013

EDCI243 **Literature, Mass Media, and Schooling: The Formation of Group and Individual Identity**

EDCI243 Literature, Mass Media, and Schooling: The Formation of Group and Individual Identity; (3 credits) Grade Method: REG/P-F/AUD. CORE Literature (HL) Course. CORE Diversity (D) Course. GenEd: Distributive Studies - Humanities; Diversity - Understanding Plural Societies.
The role of literature, mass media, and schooling as mechanisms for social change and social continuation.

0101	Melissa Landa	Seats (Total: 30)
	Meets May 28, 2013 - July 7, 2013	
	MW 12:35pm - 4:00pm	EDU 1107

EDCI397 **Principles and Methods of Teaching in Elementary Schools**

EDCI397 *(PermReq)* **Principles and Methods of Teaching in Elementary Schools; (3 credits)** Grade Method: REG/P-F/AUD.
Restriction: Must be in Elementary Education program; and minimum cumulative GPA of 2.75. Or permission of EDUC-Teaching, Learning, Policy and Leadership department. Teaching strategies, classroom interactive techniques, and procedures for planning and evaluating instruction in elementary schools. Emphasis on principles of effective instruction, classroom management, and adaptation of instruction for various student populations.

0101	Amanda Stefanski	Seats (Total: 25)
	Meets May 28, 2013 - July 7, 2013	
	TuTh 9:00am - 12:00pm	EDU 2101
	In addition, students will be required to complete a series of web-based modules to complement in class instruction.	

EDCI405 **Art Education Methods I**

EDCI405 Art Education Methods I; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - Scholarship in Practice.
Restriction: Must be in Secondary Educ: Art program; or must be in Secondary Educ: Art pre-major program. And minimum cumulative GPA of 2.75; and permission of EDUC-Teaching, Learning, Policy and Leadership department. Credit only granted for: EDCI300 or EDCI405. Formerly: EDCI300. Methods I provides future art teachers with a knowledge base of the theories and best practices of effective pedagogy for: teaching methods and strategies, diversity, motivational techniques, classroom management, assessment and evaluation methods, and accommodating all students including those with special needs.

IH60	Susan Hendricks	Seats (Total: 15)
	Meets June 3, 2013 - June 28, 2013	
	MTuWTh 9:00am - 12:00pm	Location: TBA
	EDCI MCERT Program Outreach Offering. Enrollment restricted to program participants.	

EDCI410 **Methods I: K-12 World Language Methods and Technology**

EDCI410 Methods I: K-12 World Language Methods and Technology; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - Scholarship in Practice.
Restriction: Minimum cumulative GPA of 2.75; and permission of EDUC-Teaching, Learning, Policy and Leadership department. Credit only granted for: EDCI330 or EDCI410. Formerly: EDCI330. The first of two sequential courses required for achieving competence i teaching a foreign language. The sequel to this course is EDCI433 (Methods II) entitled: Advanced K-12 Foreign Language Methods and Technology. EDCI410 requires on-going examination of theories relevant to language acquisition. Students will also investigate the instructional methods that reflect those theories. Lab and field experiences required.

IH60	Perla Blejer	Seats (Total: 20)
	Meets June 3, 2013 - June 28, 2013	
	MTuWTh 9:00am - 12:00pm Class time/details on ELMs	Location: TBA ONLINE
	EDCI MCERT Program Outreach Offering. Enrollment restricted to program participants.	

EDCI411 **Knowledge, Reasoning, and Learning in Science**

EDCI411 Knowledge, Reasoning, and Learning in Science; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - Scholarship in Practice. *Restriction: Minimum cumulative GPA of 2.75; and permission of EDUC-Teaching, Learning, Policy and Leadership department. Credit only granted for: EDCI370 or EDCI411. Formerly: EDCI370.* For prospective science teachers. Investigations of the nature of knowledge, reasoning, and learning in middle and secondary science. Readings from cognitive science and science education research; studies of student thinking in interview and classroom observations; analyses of curricula. Includes laboratory and field experiences. Department permission required. EDCI MCERT Outreach Offering.

IH33	Daniel Levin, Stacy Pritchett **Meets June 3, 2013 - June 28, 2013** MTuWTh 9:00am - 12:00pm Class time/details on ELMs *EDCI MSMaRT Program Outreach Offering. Registration limited to program participants.*	Seats (Total: 13) Location: TBA ONLINE
IH60	Stacy Pritchett, Daniel Levin **Meets June 3, 2013 - June 28, 2013** MTuWTh 9:00am - 12:00pm Class time/details on ELMs *EDCI MCERT Outreach Program, Departmental permission required.*	Seats (Total: 12) Location: TBA ONLINE

EDCI416 **Teaching and Learning in Secondary Education: English**

EDCI416 Teaching and Learning in Secondary Education: English; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - Scholarship in Practice. *Credit only granted for: EDCI340 or EDCI416. Formerly: EDCI340.* An introduction for prospective middle and secondary English teachers into the basic issues, concepts, orientations, and processes that shape the teaching of English for diverse students in schools. Candidates explore their own perspectives in relation to local and national trends and develop basic teaching understanding and skills through on-campus seminars, teaching laboratory experiences, and guided field experiences. Students should reserve one full day or two half days per week for field experience.

IH33	Peggy Wilson	Seats (Total: 10)
	Meets June 3, 2013 - June 28, 2013	
	MTuWTh 9:00am - 12:00pm	Location: TBA
	EDCI MSMaRT Program Outreach Offering. Enrollment restricted to program participants.	
IH60	Peggy Wilson	Seats (Total: 25)
	Meets June 3, 2013 - June 28, 2013	
	MTuWTh 9:00am - 12:00pm Class time/details on ELMs	Location: TBA ONLINE
	EDCI MCERT Program Outreach Offering. Enrollment restricted to program participants.	

EDCI426 **Knowledge, Reasoning, and Learning in Secondary Social Studies**

EDCI426 Knowledge, Reasoning, and Learning in Secondary Social Studies; (3 credits) Grade Method: REG.
Restriction: Permission of EDUC-Teaching, Learning, Policy and Leadership department; and minimum cumulative GPA of 2.75. An exploration of the nature of knowledge and reasoning in social studies disciplines as well as how students learn social studies. Assessment and investigation of students' conceptions and misconceptions as well as their disciplinary thinking. Implications for teaching and initial lesson design are explored through on-campus seminars as well as guided field experiences. Students should reserve a regular half-day per week for the field experience in local schools. This course is required for admission to the secondary social studies double major. Department permission required. EDCI MCERT Outreach Offering.

IH33	Catherine McCall	Seats (Total: 10)
	Meets June 3, 2013 - June 28, 2013	
	MTuWTh 9:00am - 12:00pm	Location: TBA
	EDCIMSMaRT Program Outreach Offering. Enrollment restricted to program participants.	

IH60	Michael Neel, Catherine McCall	Seats (Total: 15)
	Meets June 3, 2013 - June 28, 2013	
	MTuWTh 9:00am - 12:00pm Class time/details on ELMs	Location: TBA ONLINE
	EDCI MCERT Program Outreach Offering. Enrollment restricted to program participants.	

EDCI432 **Issues in the Education of English Language Learners**

EDCI432 Issues in the Education of English Language Learners; (3 credits) Grade Method: REG.
Credit only granted for: EDCI432 or EDCI488Q. Formerly: EDCI488Q. Introduction to and analysis of current and historical research, practice, trends, and public policy issues in education as they relate to English language learners in K-12 and other settings.

WB21	Jeff MacSwan	Seats (Total: 25)
	Meets July 8, 2013 - August 18, 2013	
	Class time/details on ELMs	ONLINE

EDCI434 **Pedagogy of Teaching English Language Learners**
Contact department for information to register for this course.

EDCI435 **Teaching English Language Learners Reading and Writing in the Secondary Content Areas**

EDCI435 Teaching English Language Learners Reading and Writing in the Secondary Content Areas; (3 credits) Grade Method: REG/P-F/AUD.
Analysis of approaches to curriculum, current research, theory, and pedagogy of reading and writing to second language students from diverse cultural and linguistic backgrounds. State Approved. Required for TESOL certification program.

IH60	Steven Sharp	Seats (Total: 25)
	Meets July 8, 2013 - August 1, 2013	
	MTuWTh 9:00am - 12:00pm	Location: TBA

EDCI437 **English Grammar Pedagogy for Teachers of English Language Learners**

EDCI437 English Grammar Pedagogy for Teachers of English Language Learners; (3 credits) Grade Method: REG.
Credit only granted for: EDCI437 or EDCI488P. Formerly: EDCI488P. Methods of teaching English grammar to English language learners. The role of teaching grammar. Effective methods and techniques for incorporating grammar in other communication activities.

IH60	Jeff MacSwan **Meets June 3, 2013 - June 28, 2013** Class time/details on ELMs *EDCI MCERT Program Outreach Offering. Enrollment restricted to program participants.*	Seats (Total: 20) ONLINE
WB11	Jeff MacSwan **Meets May 28, 2013 - July 7, 2013** Class time/details on ELMs	Seats (Total: 10) ONLINE

EDCI443 **Literature for Children and Youth**
Contact department for information to register for this course.

EDCI457 **Teaching and Learning Middle School Mathematics**

EDCI457 Teaching and Learning Middle School Mathematics; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - Scholarship in Practice.
Restriction: Minimum cumulative GPA of 2.75; and permission of EDUC-Teaching, Learning, Policy and Leadership department. Methods of teaching and assessing the middle school mathematics curriculum. Understanding the conceptual difficulties students have in moving from whole numbers to rational numbers, additive thinking to multiplicative thinking, and arithmetic to algebra. Lesson planning and selection of technology and other materials are applied in the context of supervised tutoring of students having difficulty in middle school mathematics. Lab and field experience required. Supervised tutoring takes place on site at a local middle school therefore EDCI 457 students will be expected to travel to a local middle school for 8-10 of the class meetings.

IH33	Dana Grosser-Clarkson, Hollie Young **Meets June 3, 2013 - June 28, 2013** MTuWTh 9:00am - 12:00pm Class time/details on ELMs *EDCI MSMaRT Program Outreach Offering. Registration limited to program participants.*	Seats (Total: 18) Location: TBA ONLINE
IH60	Hollie Young, Dana Grosser-Clarkson **Meets June 3, 2013 - June 28, 2013** MTuWTh 9:00am - 12:00pm Class time/details on ELMs *EDCI MCERT Program Outreach Offering. Enrollment restricted to program participants.*	Seats (Total: 10) Location: TBA ONLINE

EDCI461 **Materials and Instruction for Creating Skilled and Motivated Readers, Part I**

EDCI461 *(PermReq)* **Materials and Instruction for Creating Skilled and Motivated Readers, Part I; (3 credits)** Grade Method: REG.
Restriction: Must be in Elementary Education program; and junior standing or higher. Or permission of EDUC-Teaching, Learning, Policy and Leadership department.
Selecting, evaluating, and using a variety of materials and instructional strategies to create skilled and motivated readers in the elementary grades; Topics include emergent literacy, vocabulary development, reading comprehension and oral reading fluency in diverse classroom settings.

0101	Brecca Faust **Meets May 28, 2013 - July 7, 2013** TuTh 1:00pm - 4:10pm	Seats (Total: 27) EDU 2119

EDCI463 **Reading in the Secondary School**

EDCI463 Reading in the Secondary School; (3 credits) Grade Method: REG/P-F/AUD.
Restriction: Minimum cumulative GPA of 2.75; and must be in one of the following programs (Middle School Education; Secondary Educ: Science; Secondary Educ: English Language Arts; Secondary Educ: Mathematics; Secondary Educ: Foreign Languages; Secondary Educ: Social Studies; Secondary Educ: Art) ; and permission of department required for post-baccalaureate students. Provides secondary school teachers with understanding the need for and approaches to teaching students to read and learn from content area texts.

0101	Margaret Jenkins	Seats (Total: 17)
	Meets May 28, 2013 - July 7, 2013	
	TuTh 1:00pm - 4:10pm	EDU 1107

EDCI488K **Selected Topics in Teacher Education; From Ethiopia to Israel: Immigration, Education, and Acculturation**

Contact department for information to register for this course.

EDCI498 **Special Problems in Teacher Education**

EDCI498 Special Problems in Teacher Education; (1-6 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCI614 **Developing a Professional Portfolio**

EDCI614 Developing a Professional Portfolio; (3 credits) Grade Method: REG. Students will examine issues of performance assessment and develop professional portfolios following the guidelines established by the National Board of Professional Teaching Standards. Drawing on the research data collected throughout their program and relying on inquiry, reflections, and analysis, they will synthesize and present the body of their teaching experience.

0101	Saroja Barnes	Seats (Total: 25)
	Meets May 28, 2013 - July 7, 2013	
	TuTh 4:15pm - 7:25pm	EDU 1107

EDCI626 **Processes and Acquisition of Reading**

EDCI626 Processes and Acquisition of Reading; (3 credits) Grade Method: REG/AUD.

Restriction: For Master's Certification Students only; or permission of EDUC-Teaching, Learning, Policy and Leadership department. Credit only granted for: EDCI 626 or EDCI 765. Formerly: EDCI 765. Addresses the ways in which social, cultural, cognitive and motivation factors influence the development of literacy. Focus is on reading acquisition and its underlying processes. Topics include language development in relation to reading development; the biological basis of this development; concepts in emergent literacy; models of reading acquisition and skilled reading; the effects of phonemic awareness and phonics on developing readers; factors in early childhood environments and in beginning literacy instruction that impact language and literacy achievement.

IH21	Rosemary Garr **Meets June 3, 2013 - June 26, 2013** TuTh 4:30pm - 8:15pm W 4:30pm - 8:00pm *EDCI CITE Program Outreach Offering. Enrollment restricted to program participants.*	Seats (Total: 17) Location: TBA ONLINE
IH60	Candice Doyle **Meets June 3, 2013 - June 27, 2013** MTuWTh 9:00am - 12:00pm *EDCI MCERT Program Outreach Offering. Enrollment restricted to program participants.*	Seats (Total: 25) Location: TBA

EDCI630 **Foundations of Second Language Education: Legal, Social and Historical Trends and Issues**
Contact department for information to register for this course.

EDCI633 **Teaching for Cross Cultural Communication**

EDCI633 Teaching for Cross Cultural Communication; (3 credits) Grade Method: REG.

Theories of intercultural communication and techniques for applying them in the teaching of English as a second language (ESL) and content classes. Research and evaluation of selected aspects of a culture as basis for creating, selecting and using culturally-responsive teaching materials and methods.

IH60	Kellie Rolstad **Meets June 3, 2013 - June 28, 2013** Class time/details on ELMs *EDCI MCERT Program Outreach Offering. Enrollment restricted to program participants.*	Seats (Total: 25) ONLINE

EDCI634 **Methods of Teaching ESOL**

EDCI634 Methods of Teaching ESOL; (3 credits) Grade Method: REG.
This course presents a survey of the historical and current approaches, methods, and techniques of teaching English to speakers of other languages, from grammar to translation to audiolingual and communicative approaches. Additionally, successful classroom practices that address the needs of culturally diverse and language minority students will be analyzed.

IH60	Kellie Rolstad **Meets June 3, 2013 - June 28, 2013** Class time/details on ELMs Contact instructor or department for details. *EDCI MCERT Program Outreach Offering. Enrollment restricted to program participants.*	Seats (Total: 25) ONLINE
WB11	Kellie Rolstad **Meets June 3, 2013 - June 28, 2013** Class time/details on ELMs	Seats (Total: 10) ONLINE

EDCI638 **Teaching ESOL Reading and Writing in Secondary Content Areas**
Contact department for information to register for this course.

EDCI643 **Teaching Language Arts in Elementary Schools**

EDCI643 Teaching Language Arts in Elementary Schools; (3 credits) Grade Method: REG/AUD.
Analysis of current issues, trends, and problems in language-arts instruction.

02Z1	Thor Gibbins **Meets July 8, 2013 - August 7, 2013** Contact instructor or department for details.	Seats (Total: 5)

IH60	Ann Dromsky	Seats (Total: 25)
	Meets July 8, 2013 - August 1, 2013	
	MTuWTh 9:00am - 12:00pm	Location: TBA

EDCI645 **Teaching and Learning Geometry in the Middle Grades**

EDCI645 Teaching and Learning Geometry in the Middle Grades; (3 credits)
Grade Method: REG/AUD.
Prerequisite: Admission to M.A. or M.Ed. with concentration in Mathematics Education; or permission of EDUC-Teaching, Learning, Policy and Leadership department. Credit only granted for: EDCI645 or EDCI688C. Formerly: EDCI688C.
Designed to enhance both the pedagogical and geometric content knowledge of middle school mathematics teachers.

IHP1	Rodrigo Gutierrez	Seats (Total: 30)
	Meets May 24, 2013 - July 8, 2013	
	Contact instructor or department for details.	
	EDCI MCERT Program Outreach Offering. Enrollment restricted to program participants.	

EDCI651 **Teaching and Learning Mathematics in Secondary Schools**

EDCI651 Teaching and Learning Mathematics in Secondary Schools; (3 credits)
Grade Method: REG/AUD.
Prerequisite: Enrollment in a University of Maryland program leading to teacher certification; and bachelor's degree in mathematics or related field; and 2 semesters of calculus. Objectives, selection and organization of subject matter, appropriate methods, lesson plans, textbooks, technology and other instructional materials; assessment of student learning and other topics pertinent to secondary mathematics education. Internship of other placement in a secondary mathematics classroom is required.

IH60	Andrew Brantlinger	Seats (Total: 2)
	Meets June 3, 2013 - June 28, 2013	
	Contact instructor or department for details.	

EDCI661 **Content Area Reading**

EDCI661 *(PermReq)* **Content Area Reading; (3 credits)** Grade Method: REG/AUD. *Prerequisite: EDCI362; or EDCI463; or students who have taken courses with comparable content may contact the department.* Research-based strategies for improving reading to learn in the content areas (K-12).

IH60	Wayne Slater **Meets June 3, 2013 - June 28, 2013** MTuWTh 1:00pm - 4:00pm Class time/details on ELMs *EDCI MCERT Program Outreach Offering. Enrollment restricted to program participants.*	Seats (Total: 25) Location: TBA ONLINE
IH61	Kathleen Travers **Meets July 8, 2013 - August 1, 2013** MTuWTh 9:00am - 12:00pm Class time/details on ELMs *EDCI MCERT Program Outreach Offering. Enrollment restricted to program participants.*	Seats (Total: 40) Location: TBA ONLINE

EDCI662 **Diagnostic Reading Assessment and Instruction**

EDCI662 Diagnostic Reading Assessment and Instruction; (3 credits) Grade Method: REG.
Restriction: Permission of EDUC-Teaching, Learning, Policy and Leadership department. Survey course in diagnostic reading assessment and instruction for graduate students not majoring in reading.

IH60	Candice Doyle **Meets June 3, 2013 - June 27, 2013** MTuWTh 1:00pm - 4:00pm *EDCI MCERT Program Outreach Offering. Enrollment restricted to program participants.*	Seats (Total: 30) Location: TBA
IHP1	Candice Doyle **Meets June 3, 2013 - June 30, 2013** MTuWTh 1:00pm - 4:00pm *EDCI MCERT Program Outreach Offering. Enrollment restricted to program participants.*	Seats (Total: 30) Location: TBA

EDCI667 **Multicultural Materials and Instruction for K-12 Readers**

EDCI667 Multicultural Materials and Instruction for K-12 Readers; (3 credits) Grade Method: REG/AUD.
Credit only granted for: EDCI667 or EDCI688E (as offered in Spring 2008). Formerly: EDCI688E. An exploration of the multicultural materials and instructional strategies that create responsive K-12 classrooms and curricula for diverse readers.

01Z1	Instructor: TBA **Meets May 28, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 3)
IH20	Jennifer Turner **Meets May 28, 2013 - July 7, 2013** TuTh 4:15pm - 7:45pm Class time/details on ELMs *EDCI Reading Specialist Cohort-2 Program Outreach Offering. Enrollment restricted to program participants.*	Seats (Total: 20) Location: TBA ONLINE

EDCI675 **Learning to Teach and Learn Science**

EDCI675 Learning to Teach and Learn Science; (3 credits) Grade Method: REG/AUD.
Prerequisite: EDCI411; or permission of EDUC-Teaching, Learning, Policy and Leadership department. Restriction: Must be in the Maryland Master's Certification program; or permission of EDUC-Teaching, Learning, Policy and Leadership department. Credit only granted for: EDCI675 or EDCI788V. Formerly: EDCI788V. Developing practices of instruction in science teaching in the context of understanding student science learning.

IH60	Daniel Levin **Meets June 3, 2013 - June 28, 2013** Contact instructor or department for details.	Seats (Total: 1)

EDCI682 **Reframing Teacher Professionalism: Achieving Teacher Leadership**
Contact department for information to register for this course.

EDCI688D **Special Topics in Curriculum and Instruction; Summer School in Dublin**
Contact department for information to register for this course.

EDCI688I **Special Topics in Curriculum and Instruction; Connecting Learning Through Arts Integration**

EDCI688I Special Topics in Curriculum and Instruction: Connecting Learning Through Arts Integration; (3 credits) Grade Method: REG.
Open to teachers involved in MATI or AA Arts Integration Summer Institut e. Contact Diane James at djames1@umd.edu for more information.

IH16	Margaret Walker	Seats (Total: 15)
	Meets July 8, 2013 - August 16, 2013	
	Contact instructor or department for details.	
	Open to teachers involved in MATI or AA Arts Integration Summer Institute. Contact Diane James at djames1@umd.edu.	

EDCI688K **Special Topics in Curriculum and Instruction; Methods I: K-12 World Language Methods and Technology**
Contact department for information to register for this course.

EDCI688L **Special Topics in Curriculum and Instruction; International Approaches to Drama in Education**
Contact department for information to register for this course.

EDCI688O **Special Topics in Curriculum and Instruction**
Contact department for information to register for this course.

EDCI688V **Special Topics in Curriculum and Instruction; Pedagogical Design for Teaching Post World War II History**
Contact department for information to register for this course.

EDCI689 **Teaching Internship**

EDCI689 *(PermReq)* **Teaching Internship; (1-9 credits)** Grade Method: REG/AUD.

IH33	Elzora Bellamy	Seats (Total: 20)
	Meets June 3, 2013 - July 31, 2013	
	MW 1:00pm - 4:00pm	Location: TBA
	EDCI MSMaRT Program Outreach Offering. Enrollment restricted to program	

IH61	Susan Hendricks **Meets May 20, 2013 - June 21, 2013** Contact instructor or department for details. *EDCI MCERT Program Outreach Offering. Enrollment restricted to program participants.*	Seats (Total: 15)
IH62	Peggy Wilson **Meets May 20, 2013 - June 21, 2013** Contact instructor or department for details. *EDCI MCERT Program Outreach Offering. Enrollment Restricted to program participants.*	Seats (Total: 20)
IH63	Perla Blejer **Meets May 20, 2013 - June 21, 2013** Contact instructor or department for details. *EDCI MCERT Program Outreach Offering. Enrollment restricted to program participants.*	Seats (Total: 12)
IH64	John Seelke **Meets May 20, 2013 - June 21, 2013** Contact instructor or department for details. *EDCI MCERT Program Outreach Offering. Enrollment restricted to program participants.*	Seats (Total: 20)
IH65	Stacy Pritchett **Meets May 20, 2013 - June 21, 2013** Contact instructor or department for details. *EDCI MCERT Program Outreach Offering. Enrollment restricted to program participants.*	Seats (Total: 15)
IH66	Catherine McCall **Meets May 20, 2013 - June 21, 2013** Contact instructor or department for details. *EDCI MCERT Program Outreach Offering. Enrollment restricted to program participants.*	Seats (Total: 15)
IH67	Ali Selvi **Meets May 20, 2013 - June 21, 2013** Contact instructor or department for details. *EDCI MCERT Program Outreach Offering. Enrollment restricted to program participants.*	Seats (Total: 20)

IH68	Karen Rehder **Meets May 20, 2013 - June 21, 2013** Contact instructor or department for details. *EDCI MCERT Program Outreach Offering. Enrollment restricted to program participants.*	Seats (Total: 25)
IH69	Daniel Levin **Meets May 20, 2013 - June 21, 2013** Contact instructor or department for details. *EDCI MCERT Program Outreach Offering. Enrollment restricted to program participants.*	Seats (Total: 20)
IS33	Instructor: TBA **Meets June 3, 2013 - July 31, 2013** MW 1:00pm - 4:00pm	Seats (Total: 20) Location: TBA

EDCI690 **Teaching as a Profession**

EDCI690 Teaching as a Profession; (3 credits) Grade Method: REG/AUD. *Restriction: Permission of EDUC-Teaching, Learning, Policy and Leadership department.* The profession of teaching and the knowledge base that defines teaching. Current and social issues that affect teaching and learning; role of research and experience in learning to teach.

IH61	Joseph McCaleb **Meets May 21, 2013 - June 25, 2013** TuW 9:00am - 3:00pm *EDCI MCERT Program Outreach Offering. Enrollment restricted to program participants.*	Seats (Total: 20) Location: TBA
IH62	Sara Makris **Meets May 21, 2013 - June 20, 2013** TuTh 5:30pm - 8:30pm *EDCI MCERT Program Outreach Offering. Enrollment restricted to program participants.*	Seats (Total: 30) Location: TBA

IH63	Gayle Lomax **Meets June 3, 2013 - June 19, 2013** MW 5:30pm - 8:30pm Class time/details on ELMs *EDCI MCERT Program Outreach Offering. Enrollment restricted to program participants.*	Seats (Total: 30) Location: TBA ONLINE
IH64	Segun Eubanks **Meets June 3, 2013 - June 27, 2013** TuTh 5:30pm - 8:30pm *EDCI MCERT Program Outreach Offering. Enrollment restricted to program participants.*	Seats (Total: 30) Location: TBA

EDCI695 **Teaching Science and Social Studies through Environmental Study**

EDCI695 Teaching Science and Social Studies through Environmental Study; (3 credits) Grade Method: REG/AUD.
Restriction: Must be in a major within EDUC-Teaching, Learning, Policy and Leadership department. Curriculum and instruction for science and social studies within a multicultural and environmental context; analysis of social studies and science curriculum materials; utilization of school and community resources.

IH21	Rosario Fazio **Meets May 2, 2013 - June 13, 2013** TuTh 4:30pm - 9:30pm Class time/details on ELMs *EDCI CITE Program Outreach Offering. Enrollment restricted to program participants.*	Seats (Total: 17) Location: TBA ONLINE

EDCI697 **Embracing Diversity in Classroom Communities**

EDCI697 Embracing Diversity in Classroom Communities; (3 credits) Grade Method: REG.
The course aims to help students understand race, class, gender, and sexuality as systems of privilege, exclusion, marginalization, and the centrality of embracing diversity in the classroom communities to promote the success of all students.

IH60	Bedrettin Yazan, Jennifer Kline **Meets July 8, 2013 - August 2, 2013** MTuWTh 9:00am - 12:00pm Class time/details on ELMs *EDCI MCERT Program Outreach Offering. Enrollment restricted to program participants.*	Seats (Total: 30) Location: TBA ONLINE
IH61	Susan De La Paz, Bedrettin Yazan **Meets July 8, 2013 - August 2, 2013** MTuWTh 1:00pm - 4:00pm Contact instructor or department for details. *EDCI MCERT Program Outreach Offering. Enrollment restricted to program participants.*	Seats (Total: 40) Location: TBA
IH62	Stacey Montgomery, Cindy Sherman **Meets July 8, 2013 - August 1, 2013** MTuWTh 1:00pm - 4:00pm Contact instructor or department for details. *EDCI MCERT Program Outreach Offering. Enrollment restricted to program participants.*	Seats (Total: 30) Location: TBA

EDCI698 **Conducting Research on Teaching**

EDCI698 Conducting Research on Teaching; (1-3 credits) Grade Method: REG.

IH30	Daniel Chazan **Meets July 21, 2013 - August 13, 2013** Class time/details on ELMs *EDCI MATH Outreach Offering. Participation restricted to program participants.*	Seats (Total: 1) ONLINE
IHP1	Kara Trenkamp **Meets June 14, 2013 - July 12, 2013** Class time/details on ELMs *EDCI MCERT Program Outreach Offering. Enrollment restricted to program participants.*	Seats (Total: 30) ONLINE

EDCI761 **Advanced Clinical Practices in Reading Assessment**

EDCI761 Advanced Clinical Practices in Reading Assessment; (3 credits) Grade Method: REG/AUD.
Prerequisite: EDCI665. Corequisite: EDCI762. Clinical practicum in assessment focusing on strengths and needs in reading. Case report writing and conferences. Location: Off campus. Local school. Departmental permission required.

I101	Rose Codling	Seats (Total: 15)
	Meets June 17, 2013 - July 26, 2013	
	MTuWTh 8:00am - 12:00pm	Location: TBA

EDCI762 **Advanced Clinical Practices in Reading Instruction**

EDCI762 Advanced Clinical Practices in Reading Instruction; (3 credits) Grade Method: REG/AUD.
Prerequisite: EDCI665. Corequisite: EDCI761. Clinical practicum in instruction focusing on instructional techniques and diagnostic teaching. Location: Off campus. Local school.Departmental permission required.

I101	Rose Codling	Seats (Total: 10)
	Meets June 17, 2013 - July 26, 2013	
	MTuWTh 12:00pm - 4:00pm	Location: TBA

EDCI764 **Writing Across the Curriculum**
Contact department for information to register for this course.

EDCI788 **Selected Topics in Teacher Education**

EDCI788 *(PermReq)* **Selected Topics in Teacher Education; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCI788K **Selected Topics in Teacher Education; From Ethiopia to Israel: Immigration, Education, and Acculturation**
Contact department for information to register for this course.

EDCI788V **Selected Topics in Teacher Education; Writing, Technology, and CCS in Elementary Classrooms**

EDCI788V Selected Topics in Teacher Education: Writing, Technology, and CCS in Elementary Classrooms; (1-3 credits) Grade Method: REG/AUD.

IH18	Joseph McCaleb	Seats (Total: 15)
	Meets June 3, 2013 - June 19, 2013	
	Contact instructor or department for details.	
	TLPL EDCI National Writing Project Outreach Offering (Hagerstown). Department permission required. Contact Diane James djames1@umd.edu for information.	

EDCI798 **Special Problems in Teacher Education**

EDCI798 Special Problems in Teacher Education; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCI798D **Special Problems in Teacher Education; Implementing the Mathematics Common Core Standards**

Contact department for information to register for this course.

EDCI799 **Master's Thesis Research**

EDCI799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCI888 **Apprenticeship in Education**

EDCI888 Apprenticeship in Education; (1-8 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCI889 **Internship in Education**

EDCI889 Internship in Education; (3-8 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCI898 **Pre-Candidacy Research**

EDCI898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCI899 **Doctoral Dissertation Research**

EDCI899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCP Education Counseling and Personnel Services — Summer 2013

EDCP108B **College and Career Advancement: Concepts and Skills; Academic Skills**

EDCP108B College and Career Advancement: Concepts and Skills: Academic Skills; (1 credit) Grade Method: REG/P-F/AUD.

0101	Beverly Greenfeig **Meets June 4, 2013 - June 21, 2013** TuWTh 10:30am - 12:30pm *Click here for more course information.*	Seats (Total: 50) TYD 0111
0501	Marcia Marinelli **Meets June 17, 2013 - July 5, 2013** MTuWTh 12:30pm - 2:00pm	Seats (Total: 20) ASY 3217

EDCP108E **College and Career Advancement: Concepts and Skills**

EDCP108E College and Career Advancement: Concepts and Skills; (1 credit) Grade Method: REG/P-F/AUD.
Restricted to Academic Achievement Program Students.

CP02	Sharon Vanwright, Tilahun Beyene **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 130)

EDCP217 **Introduction to Student Leadership**

EDCP217 Introduction to Student Leadership; (3 credits) Grade Method: REG/P-F/AUD.
Restriction: Freshman standing; or sophomore standing. Credit only granted for: EDCP217 or EDCP317. Formerly: EDCP317. Introduction to leadership theories, concepts, and skills. Completion of personal and leadership self-assessments, values exploration, and small group application.

0401	Daniel Ostick	Seats (Total: 30)
	Meets July 8, 2013 - July 26, 2013	
	MTuWTh 9:00am - 12:15pm	TYD 2110

EDCP298Z **Special Problems in Counseling and Personnel Services; British Life and Society in a Cross-Cultural Context**
Contact department for information to register for this course.

EDCP318W **Applied Contextual Leadership; Leadership and the Workplace**

EDCP318W Applied Contextual Leadership: Leadership and the Workplace; (3 credits) Grade Method: REG/P-F/AUD.
An exploration of leadership theory and practice in the workplace: leadership versus management, ethics in the workplace, leadership in groups, teamwork, and practical application of leadership models. Students enrolled in the course must have a job (and job setting) to participate in the course fully. This is an online course, which will be taught using Blackboard. There will be no classroom meetings. Students who have questions can contact the instructor at dostick@umd. edu

WB11	Sean Pepin	Seats (Total: 40)
	Meets May 28, 2013 - July 7, 2013	
	Class time/details on ELMs	ONLINE
WB21	Stephanie Chang	Seats (Total: 40)
	Meets July 8, 2013 - August 18, 2013	
	Class time/details on ELMs	ONLINE

EDCP318X **Applied Contextual Leadership; Norway: Adventure Leadership**
Contact department for information to register for this course.

EDCP318Y **Applied Contextual Leadership; Terrapin Take Off: Adventure Leadership**

Contact department for information to register for this course.

EDCP386 **Experiential Learning**

EDCP386 *(PermReq)* **Experiential Learning; (3-6 credits)** Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.
Restriction: Permission of EDUC-Counseling, Higher Education and Special Education department; and junior standing or higher.

Contact department for information to register for this course.

EDCP498 **Special Problems in Counseling and Personnel Services**
Contact department for information to register for this course.

EDCP605 **Developmental Issues in Counseling Adults**
Contact department for information to register for this course.

EDCP610 **Professional Orientation**

EDCP610 Professional Orientation; (3 credits) Grade Method: REG/AUD.
Survey of knowledge base and practices in counseling and personnel services specializations, professional ethics, credentialling relevant legislation, current issues.

PCL1	Dennis Kivlighan	Seats (Total: 20)
	Meets May 28, 2013 - July 7, 2013	
	W 9:00am - 12:00pm	TWS 0221
	W 1:00pm - 4:00pm	TWS 0221
	Contact instructor or department for details.	
	Open only to the Navy LEAD cohort. Prerequisite: permission of department.	

EDCP611 **Career Development Theory and Programs**

EDCP611 Career Development Theory and Programs; (3 credits) Grade Method: REG/AUD.
Research and theory related to career and educational decisions; programs of related information and other activities in career decision.

0101	MARJA HUMPHREY	Seats (Total: 10)
	Meets June 10, 2013 - June 21, 2013	
	MTuWThF 12:15pm - 4:00pm	EDU 0202

EDCP618 **Counseling Skills: Introduction to Practicum**

EDCP618 Counseling Skills: Introduction to Practicum; (3 credits) Grade Method: REG/AUD.
Open only to the Navy LEAD cohort. Departmental permission required.

PCL1	Matthew Miller	Seats (Total: 20)
	Meets May 28, 2013 - July 7, 2013	
	TuTh 9:00am - 12:00pm	EDU 3233
	Class time/details on ELMs	ONLINE
	Open only to the Navy LEAD cohort. Prerequisite: permission of department.	

EDCP619 **Practicum in Counseling; Counselling Skills II**

EDCP619 Practicum in Counseling: Counselling Skills II; (2-6 credits) Grade Method: REG/AUD.

PCL2	Mary Ann Hoffman	Seats (Total: 20)
	Meets July 8, 2013 - August 18, 2013	
	TuTh 1:00pm - 4:00pm	EDU 3233
	Open only to the Navy LEAD cohort. Prerequisite: permission of department.	

EDCP635 **School Consultation I**

EDCP635 School Consultation I; (3 credits) Grade Method: REG/AUD.
Restriction: Must be in the School Counseling program; or must be in the School Psychology program; or permission of instructor. Theory and practice of consultation services in the school setting. Understanding of school culture. Introduction to problem solving model of case consultation for assessment and remediation of learning and behavior problems in the classroom. Practicum experience.

0101	Julia Bryan	Seats (Total: 10)
	Meets May 28, 2013 - June 7, 2013	
	MTuWThF 12:30pm - 3:30pm	EDU 1315
	Contact instructor or department for details.	

EDCP668A **Special Topics in Rehabilitation; Job Development and Placement**

EDCP668A Special Topics in Rehabilitation: Job Development and Placement; (3 credits) Grade Method: REG/AUD.

IH14	Debra Luecking	Seats (Total: 13)
	Meets June 1, 2013 - September 6, 2013	
	Contact instructor or department for details.	

EDCP694 **Student Leadership Development**

EDCP694 Student Leadership Development; (3 credits) Grade Method: REG/AUD. *Credit only granted for: EDCP694 or EDCP789D. Formerly: EDCP789D.* Explores the development of leadership among college students including the study of leadership theory; a focus on how leadership is learned and developed; cultural demensions of leadership; and exposure to the current national scene in leadership associations, programs, and resources. Open to Navy Lead Students Only. Departmental permission required.

PCL2	Marybeth Drechsler Sharp	Seats (Total: 20)
	Meets July 8, 2013 - August 18, 2013	
	TuTh 9:30am - 12:30pm	ASY 3215
	Class time/details on ELMs	ONLINE

EDCP771 **The College Student**

EDCP771 The College Student; (3 credits) Grade Method: REG/AUD.
A demographic study of the characteristics of college students as well as a study of their aspirations, values, and purposes. Open only to the Navy LEAD cohort. Departmental permission required.

PCL1	Jay Garvey	Seats (Total: 20)
	Meets May 28, 2013 - July 7, 2013	
	TuTh 1:00pm - 4:15pm	EDU 3233
	Restricted to students in LEAD program.	

EDCP788 **Advanced Practicum**

EDCP788 Advanced Practicum; (1-6 credits) Grade Method: REG/AUD.

0138	Julia Bryan	Seats (Total: 5)
	Meets May 28, 2013 - July 7, 2013	
	Contact instructor or department for details.	
	Restricted to Counselor Education students only.	
0238	Julia Bryan	Seats (Total: 5)
	Meets July 8, 2013 - August 18, 2013	
	Contact instructor or department for details.	
	Restricted to Counselor Education students only.	

EDCP789 **Advanced Topics in Counseling and Personnel Services**
Contact department for information to register for this course.

EDCP789C **Advanced Topics in Counseling and Personnel Services; Capstone Project Two**

EDCP789C Advanced Topics in Counseling and Personnel Services: Capstone Project Two; (1-6 credits) Grade Method: REG/AUD.

IHP1	Patricia Nemec	Seats (Total: 10)
	Meets May 28, 2013 - August 18, 2013	
	Class time/details on ELMs	ONLINE
	Department permission required; Registration by Outreach Office.	

EDCP789F **Advanced Topics in Counseling and Personnel Services; History of Psychological Science**

EDCP789F Advanced Topics in Counseling and Personnel Services: History of Psychological Science; (3 credits) Grade Method: REG/AUD.

0101	Matthew Miller	Seats (Total: 15)
	Meets May 28, 2013 - July 7, 2013	
	MW 10:00am - 1:30pm	EDU 2102

EDCP789M **Advanced Topics in Counseling and Personnel Services; Advanced Multicultural**

EDCP789M Advanced Topics in Counseling and Personnel Services: Advanced Multicultural; (3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Open to Counselor Education students only.

Contact department for information to register for this course.

EDCP789R **Advanced Topics in Counseling and Personnel Services; College Teaching Seminar**

EDCP789R Advanced Topics in Counseling and Personnel Services: College Teaching Seminar; (1-3 credits) Grade Method: REG.

0101	William Strein	Seats (Total: 15)
	Meets May 28, 2013 - July 7, 2013	
	Tu 1:00pm - 3:00pm	EDU 0206

EDCP798 **Special Problems in Counseling and Personnel Services**

EDCP798 *(PermReq)* **Special Problems in Counseling and Personnel Services; (1-6 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCP798C **Special Problems in Counseling and Personnel Services; Capstone Project**
Contact department for information to register for this course.

EDCP799 **Master's Thesis Research**

EDCP799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCP888 **Apprenticeship in Counseling and Personnel Services**

EDCP888 Apprenticeship in Counseling and Personnel Services; (1-8 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCP888A **Apprenticeship in Counseling and Personnel Services; College Student Personnel**

EDCP888A Apprenticeship in Counseling and Personnel Services: College Student Personnel; (3 credits) Grade Method: REG/AUD.
Restricted to CSP students.

0101	Marsha Guenzler-Stevens	Seats (Total: 12)
	Meets May 28, 2013 - August 11, 2013	
	W 2:00pm - 5:00pm Contact instructor or department for details.	EDU 1210B

EDCP889 **Internship in Counseling and Personnel Services**

EDCP889 Internship in Counseling and Personnel Services; (1-8 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCP898 **Pre-Candidacy Research**

EDCP898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDCP899 **Doctoral Dissertation Research**

EDCP899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDHD Education, Human Development Summer 2013

EDHD306 **Research Methods in Human Development**

EDHD306 Research Methods in Human Development; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Fundamental Studies - Analytic Reasoning.
Addresses the scientific concepts and principles central to the study of human behavior and development. Students will learn about basic research methods in studying human behavior in developmental context and will participate in experiential activities, such as conducting observations and collecting self-report data. Major themes: goals of developmental research, fundamental research designs, types of measurement, elements of good scientific writing, and ethical issues in the study of human development.

0301	Katherine Muenks **Meets May 28, 2013 - June 14, 2013** MTuWTh 4:00pm - 7:25pm	Seats (Total: 30) EDU 0212

EDHD320 **Human Development Through the Life Span**

EDHD320 Human Development Through the Life Span; (3 credits) Grade Method: REG/AUD. GenEd: Distributive Studies - History and Social Sciences.
Central concepts related to parameters of human development, individual and social, which arise throughout the life span. Continuity and change within the developing individual.

0101	Amy Ho **Meets May 28, 2013 - July 7, 2013** MW 12:20pm - 3:45pm	Seats (Total: 30) EDU 3315
0201	Amy Ho **Meets July 8, 2013 - August 18, 2013** TuTh 9:30am - 12:40pm	Seats (Total: 35) EDU 1107

EDHD400 **Introduction to Gerontology**

EDHD400 Introduction to Gerontology; (3 credits) Grade Method: REG/AUD. GenEd: Distributive Studies - History and Social Sciences.
Multidisciplinary survey of the processes of aging. Physiological changes, cultural forces, and self-processes that bear on quality of life in later years. Field study of programs, institutions for elderly, individual elders, their families and care providers.

0101	Elizabeth Robertson-Tchabo **Meets May 28, 2013 - July 7, 2013** TuTh 9:30am - 12:40pm	Seats (Total: 40) EDU 2102

EDHD413 **Adolescent Development**

EDHD413 Adolescent Development; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - History and Social Sciences.
Adolescent development, including special problems encountered in contemporary culture. Observational component and individual case study.

0101	Sandra Baker	Seats (Total: 40)
	Meets May 28, 2013 - July 7, 2013	
	TuTh 9:30am - 12:40pm	EDU 3315

EDHD460 **Educational Psychology**

EDHD460 Educational Psychology; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - History and Social Sciences.
Prerequisite: PSYC100; or permission of EDUC-Human Development and Quantitative Methodology department. Additional information: May not be substituted for EDHD300 by students in professional teacher education programs. Application of psychology to learning processes and theories. Individual differences, measurement, motivation, emotions, intelligence, attitudes, problem solving, thinking and communicating in educational settings.

0101	Alexandra List	Seats (Total: 35)
	Meets May 28, 2013 - July 7, 2013	
	MW 9:00am - 12:25pm	EDU 2119

EDHD489 **Field Experiences in Education**

EDHD489 *(PermReq)* **Field Experiences in Education; (1-4 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDHD498 **Special Problems in Education**

EDHD498 Special Problems in Education; (1-3 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDHD602 **Social Bases of Behavior**
Contact department for information to register for this course.

EDHD798 **Laboratory in Human Development**

EDHD798 Laboratory in Human Development; (1-6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDHD799 **Master's Thesis Research**

EDHD799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDHD888 **Apprenticeship in Human Development Research**

EDHD888 Apprenticeship in Human Development Research; (1-8 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDHD889 **Practicum in Human Development**

EDHD889 Practicum in Human Development; (3-8 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDHD898 **Pre-Candidacy Research**

EDHD898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDHD899 **Doctoral Dissertation Research**

EDHD899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDHI Education Leadership, Higher Ed and International Ed — Summer 2013

EDHI338P **Teaching and Learning about Cultural Diversity through Intergroup Dialogue; Germany: Propaganda and Graphic Design**

Contact department for information to register for this course.

EDHI488 **Special Topics in Education Policy and Administration**

EDHI488 Special Topics in Education Policy and Administration; (1-3 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDHI488A **Special Topics in Education Policy and Administration; Education for Global Peace**

EDHI488A Special Topics in Education Policy and Administration: Education for Global Peace; (3 credits) Grade Method: REG/P-F/AUD.

0301	Sachi Edwards	Seats (Total: 20)
	Meets May 28, 2013 - June 14, 2013	
	TuWTh 4:00pm - 8:15pm	EDU 0206

EDHI489 **Field Experiences in Education**

EDHI489 Field Experiences in Education; (1-4 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDHI498 **Special Problems in Education**

EDHI498 Special Problems in Education; (1-3 credits) Grade Method: REG/P-F/AUD.

0132	Noah Drezner	Seats (Total: 5)
	Meets May 28, 2013 - July 7, 2013	
	Contact instructor or department for details.	
0229	Robert Waters	Seats (Total: 1)
	Meets July 8, 2013 - August 18, 2013	
	Contact instructor or department for details.	

0232	Noah Drezner	Seats (Total: 5)
	Meets July 8, 2013 - August 18, 2013	
	Contact instructor or department for details.	

EDHI630 **Analyzing Systemwide Education Policy**
Contact department for information to register for this course.

EDHI672 **Modes of Inquiry in Education Research**

EDHI672 Modes of Inquiry in Education Research; (3 credits) Grade Method: REG/AUD.
Credit only granted for: EDHI672, EDPL672, or EDPS672. Formerly: EDPL672. Introduction to modes of inquiry appropriate to research on issues and problems in education. Examination of qualitative, quantitative and mixed research methods and designs with a focus on related standards of quality. This course contains a Blackboard/ELMS component.

0401	Steven Klees, Jing Lin	Seats (Total: 18)
	Meets July 8, 2013 - July 26, 2013	
	MWTh 3:00pm - 7:15pm	EDU 2102

EDHI673 **Economic Evaluation of Education**
Contact department for information to register for this course.

EDHI679 **Master's Seminar**

EDHI679 Master's Seminar; (3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDHI681 **Education for Global Peace**

EDHI681 Education for Global Peace; (3 credits) Grade Method: REG/AUD.
Credit only granted for: EDHI681, EDPL681, or EDPS681. Formerly: EDPL681. This course will examine how education can address the threats of violence and wars. It prepares students to teach about peace, nonviolence, and conflict resolution, and also to analyze and implement changes in school and society to contribute to peace and non-violence.

0301	Sachi Edwards **Meets May 28, 2013 - June 14, 2013** TuWTh 4:00pm - 8:15pm	Seats (Total: 20) EDU 0206

EDHI689 **Practicum In Educational Administration and Supervision**

EDHI689 *(PermReq)* **Practicum In Educational Administration and Supervision; (1-3 credits)** Grade Method: S-F.

0105	Patricia Richardson **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 20)
0124	Helene Cohen **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0205	Patricia Richardson **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
0224	Helene Cohen **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)

EDHI702 **Advanced Seminar in Research Methods for Education Leaders**
Contact department for information to register for this course.

EDHI788B **Special Topics in Education Policy and Administration; Proposal Writing Seminar**
Contact department for information to register for this course.

EDHI788D **Special Topics in Education Policy and Administration**
Contact department for information to register for this course.

EDHI788I **Special Topics in Education Policy and Administration; The Role of the Educational Leader in Managing and Integrating Technology in Organizations**
Contact department for information to register for this course.

EDHI789 **Doctoral Practicum in Administration and Supervision**

EDHI789 Doctoral Practicum in Administration and Supervision; (1-3 credits) Grade Method: S-F.

0106	Hanne Mawhinney **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 5)
0206	Hanne Mawhinney **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 5)

EDHI798 **Special Problems in Education**

EDHI798 Special Problems in Education; (1-6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDHI799 **Master's Thesis Research**

EDHI799 *(PermReq)* **Master's Thesis Research; (1-6 credits)** Grade Method: REG/S-F.

0132	Noah Drezner **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 5)
0232	Noah Drezner **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 5)

EDHI888 **Apprenticeship in Education**

EDHI888 Apprenticeship in Education; (1-8 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDHI889 **Internship in Education**

EDHI889 Internship in Education; (3-8 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDHI898 **Pre-Candidacy Research**
Contact department for information to register for this course.

EDHI899 **Doctoral Dissertation Research**

EDHI899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDMS Measurement, Statistics, and Evaluation Summer 2013

EDMS451 **Introduction to Educational Statistics**

EDMS451 Introduction to Educational Statistics; (3 credits) Grade Method: REG/AUD. GenEd: Fundamental Studies - Analytic Reasoning.
Restriction: Sophomore standing or higher. Credit only granted for: BIOM301, BMGT230, CCJS200, ECON321, EDMS451, GEOG306, GVPT422, PSYC200, or SOCY201. Introduction to statistical reasoning; location and dispersion measures; computer applications; regression and correlation; formation of hypotheses tests; t-test; one-way analysis of variance; analysis of contingency tables.

0101	Ming Li **Meets May 28, 2013 - July 7, 2013** MW 12:30pm - 3:55pm	Seats (Total: 40) EDU 0212
0201	Rosalyn Bryant **Meets July 8, 2013 - August 18, 2013** TuTh 12:30pm - 3:40pm	Seats (Total: 40) EDU 3315

EDMS645 **Quantitative Research Methods I**

EDMS645 Quantitative Research Methods I; (3 credits) Grade Method: REG/AUD. Research design and statistical applications in educational research: data representation; descriptive statistics; estimation and hypothesis testing. Application of statistical computer packages is emphasized.

0101	Aline Hitti	Seats (Total: 30)
	Meets May 28, 2013 - July 7, 2013	
	TuTh 12:30pm - 3:40pm	EDU 0212

EDMS651 **Applied Multiple Regression Analysis**

EDMS651 Applied Multiple Regression Analysis; (3 credits) Grade Method: REG/AUD.
Prerequisite: EDMS646; or students who have taken courses with comparable content may contact the department. Multiple regression and correlation analysis; trend analysis; hierarchical and stepwise procedures; logistic regression; computer programs for regression analysis.

0101	Jeffrey Harring	Seats (Total: 30)
	Meets May 28, 2013 - July 7, 2013	
	TuTh 9:30am - 12:40pm	EDU 1107

EDMS798 **Special Problems in Education**

EDMS798 Special Problems in Education; (1-6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDMS799 **Master's Thesis Research**

EDMS799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDMS889 **Internship in Measurement and Statistics**

EDMS889 *(PermReq)* **Internship in Measurement and Statistics; (3-12 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDMS898 **Pre-Candidacy Research**

EDMS898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDMS899 **Doctoral Dissertation Research**

EDMS899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDPS Education Policy Studies Summer 2013

EDPS301 **Foundations of Education**

EDPS301 Foundations of Education; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - History and Social Sciences.
Credit only granted for: EDPL301 or EDPS301. Formerly: EDPL301. Social context of education and conflicts over philosophies, values, and goals that are reflected in educational institutions in our pluralistic society. Helps teachers become reflective, critical thinkers about the social and philosophical issues they face and the choices they make.

0101	Dennis Herschbach	Seats (Total: 20)
	Meets May 28, 2013 - July 7, 2013	
	MW 3:40pm - 7:05pm	EDU 2119

EDPS488C **Special Topics in Education Policy and Administration; Culture, Identity and Experience in Education**

EDPS488C Special Topics in Education Policy and Administration: Culture, Identity and Experience in Education; (3 credits) Grade Method: REG/P-F/AUD.

HY31	Beth Cohen	Seats (Total: 20)	
	Meets May 28, 2013 - June 14, 2013		
	MW 4:15pm - 7:00pm	EDU 1315	
	Class time/details on ELMs	ONLINE	Discussion

EDPS489 **Field Experiences in Education**

EDPS489 *(PermReq)* **Field Experiences in Education; (1-4 credits)** Grade Method: REG/P-F/AUD.

0123	Steven Selden	Seats (Total: 5)
	Meets May 28, 2013 - July 7, 2013	
	Contact instructor or department for details.	
0216	Francine Hultgren	Seats (Total: 5)
	Meets July 8, 2013 - August 18, 2013	
	Contact instructor or department for details.	

EDPS601 **Contemporary Social Issues in Education**

EDPS601 Contemporary Social Issues in Education; (3 credits) Grade Method: REG/AUD.
Credit only granted for: EDHI601, EDPL601, or EDPS601. Formerly: EDPL601.
Theoretical and practical consideration of vital social issues currently affecting education.

IH21	John Splaine	Seats (Total: 17)
	Meets June 24, 2013 - July 30, 2013	
	M 4:00pm - 7:30pm	Location: TBA
	Tu 9:00am - 12:30pm	Location: TBA
	TLPL CITE Outreach Program Offering. Registration is restricted to CITE Program participants.	

EDPS663 **Policy Formulation in Education**
Contact department for information to register for this course.

EDPS679 **Master's Seminar**

EDPS679 Master's Seminar; (3 credits) Grade Method: REG/AUD.

0116	Francine Hultgren **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 5)
0117	Robert Croninger **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 5)
0217	Robert Croninger **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 5)

EDPS788C **Special Topics in Education Policy and Administration; Culture, Identity and Experience in Education**

EDPS788C Special Topics in Education Policy and Administration: Culture, Identity and Experience in Education; (3 credits) Grade Method: REG/AUD.

HY31	Beth Cohen **Meets May 28, 2013 - June 14, 2013** MW 4:15pm - 7:00pm Class time/details on ELMs	Seats (Total: 20) EDU 1315 ONLINE	 Discussion

EDPS798 **Special Problems in Education**

EDPS798 Special Problems in Education; (1-6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDPS888 **Apprenticeship in Education**

EDPS888 Apprenticeship in Education; (1-8 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDPS889 **Internship in Education**

EDPS889 Internship in Education; (3-8 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDPS898 **Pre-Candidacy Research**

EDPS898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDPS899 **Doctoral Dissertation Research**

EDPS899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDSP Education, Special Summer 2013

EDSP210 **Introduction to Special Education**

EDSP210 Introduction to Special Education; (3 credits) Grade Method: REG/AUD. GenEd: Diversity - Understanding Plural Societies.
Restriction: Sophomore standing or lower; and permission of EDUC-Counseling, Higher Education and Special Education department. Credit only granted for: EDSP210 or EDSP470. Characteristics and needs of individuals receiving special education and related services. Current issues and practices in special education. Students who wish to register for this section after June 6, 2011, pleas e e-mail summer@umd.edu.

0301	Paula Maccini **Meets May 28, 2013 - June 14, 2013** MTuWThF 3:45pm - 6:45pm	Seats (Total: 20) EDU 1121
0401	Leslie Page-Voth **Meets July 8, 2013 - July 26, 2013** TuTh 9:00am - 4:50pm	Seats (Total: 20) EDU 2119

EDSP376 **Fundamentals of Sign Language**

EDSP376 Fundamentals of Sign Language; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Diversity - Cultural Competency.
Receptive and expressive skills in American Sign Language. Examination of the causes of deafness, characteristics of deaf education, and aspects of the culture of the deaf community.

0101	Michael Dunham	Seats (Total: 27)
	Meets May 28, 2013 - July 7, 2013	
	MW 3:45pm - 7:00pm	EDU 3315
	Contact instructor or department for details.	

EDSP413 **Behavior and Classroom Management in Special Education**

EDSP413 Behavior and Classroom Management in Special Education; (3 credits) Grade Method: REG/AUD.
Restriction: Must be in Special Education program. Also offered as: EDSP613. Credit only granted for: EDSP413, or EDSP613. Use of applied behavior analysis for assessment of behavior and learning environments. Design of behavior and classroom management of students in special education.

0101	Andrew Egel	Seats (Total: 25)
	Meets May 28, 2013 - July 7, 2013	
	TuTh 7:00pm - 10:30pm	EDU 2119

EDSP415 **Assessment in Special Education**

EDSP415 Assessment in Special Education; (3 credits) Grade Method: REG/AUD.
Recommended: STAT100; or SOCY201. Restriction: Must be in Special Education program. Also offered as: EDSP615. Credit only granted for: EDSP415, or EDSP615. Knowledge and skills for understanding assessment process and interpretation of assessment data. Emphasis on psychometric aspects of assessment related to screening, eligibility, and program planning.

0201	Jennifer Kline, Miji Kim	Seats (Total: 20)
	Meets July 8, 2013 - August 18, 2013	
	MW 7:00pm - 10:30pm	EDU 1107

EDSP421 **Field Placement in Special Education: Early Childhood I**

EDSP421 *(PermReq)* **Field Placement in Special Education: Early Childhood I; (4 credits)** Grade Method: REG. GenEd: Distributive Studies - Scholarship in Practice. *Restriction: Must be in Special Education program; or must be in one of the following programs (Special Education (Doctoral); Special Education (Master's)).* Field experience I in early childhood special education. Students without the required pre- or corequisites can register for this course with departmental approval. Open to special education graduate students only for this term.

0101	M Brown **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0201	M Brown **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)

EDSP470 **Introduction to Special Education**

EDSP470 Introduction to Special Education; (3 credits) Grade Method: REG/AUD. GenEd: Diversity - Understanding Plural Societies.
Restriction: Must not have completed EDSP210. Credit only granted for: EDSP210 or EDSP470. Designed to give an understanding of the needs of all types of exceptional children. Open to all students except undergraduate special education majors. Students who wish to register for this section after June 6, 2011, pleas e e-mail summer@umd.edu.

0301	Paula Maccini **Meets May 28, 2013 - June 14, 2013** MTuWThF 3:45pm - 6:45pm	Seats (Total: 20) EDU 1121
0401	Leslie Page-Voth **Meets July 8, 2013 - July 26, 2013** TuTh 9:00am - 4:50pm	Seats (Total: 20) EDU 2119

EDSP476 **Communicating with Sign Language**

EDSP476 Communicating with Sign Language; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: EDSP376. Restriction: Permission of EDUC-Counseling, Higher Education and Special Education department. Intermediate level receptive/expressive skills in American Sign Language. Aspects of the culture, history, and research perspectives of the deaf community.

0401	Michael Dunham **Meets July 8, 2013 - July 26, 2013** MTuWThF 4:00pm - 7:00pm Contact instructor or department for details.	Seats (Total: 27) EDU 1107

EDSP489 **Field Experiences in Special Education**

EDSP489 Field Experiences in Special Education; (1-4 credits) Grade Method: REG/P-F/AUD.

0101	M Brown **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 20)
0201	M Brown **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 20)

EDSP498 **Special Problems in Special Education**

EDSP498 Special Problems in Special Education; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDSP613 **Behavior and Classroom Management in Special Education**

EDSP613 Behavior and Classroom Management in Special Education; (3 credits) Grade Method: REG.
Restriction: Must be in Special Education (Doctoral) program; or must be in Special Education (Master's) program; or permission of instructor. Also offered as: EDSP413. Credit only granted for: EDSP413 or EDSP613. Applied behavior analysis for assessment of behavior and learning environments. Behavior and classroom management strategies for students in special education.

0101	Andrew Egel	Seats (Total: 25)
	Meets May 28, 2013 - July 7, 2013	
	TuTh 7:00pm - 10:30pm	EDU 2119

EDSP615 **Evaluation and Measurement of Exceptional Children and Youth**

EDSP615 Evaluation and Measurement of Exceptional Children and Youth; (3 credits) Grade Method: REG/AUD.
Prerequisite: EDSP600 and EDMS646; or permission of EDUC-Counseling, Higher Education and Special Education department. Also offered as: EDSP415. Credit only granted for: EDSP415 or EDSP615. Deals with the understanding and interpretation of the results of psychological and educational tests applicable for use with exceptional children and youth.

0201	Jennifer Kline, Miji Kim	Seats (Total: 20)
	Meets July 8, 2013 - August 18, 2013	
	MW 7:00pm - 10:30pm	EDU 1107

EDSP616 **Reading and Writing Instruction in Special Education I**

EDSP616 Reading and Writing Instruction in Special Education I; (3 credits) Grade Method: REG/AUD.
Restriction: Must be in Special Education (Doctoral) program; or must be in Special Education (Master's) program. Also offered as: EDSP416. Credit only granted for: EDSP416 or EDSP616. Assessment and instruction of reading and writing skills and strategies for students in special education.

0201	Marisa Mitchell, Candice Doyle	Seats (Total: 20)
	Meets July 8, 2013 - August 18, 2013	
	MW 3:30pm - 7:00pm	EDU 3233

EDSP678T **Seminar in Special Education; Infants & Toddlers with Disabilities-Medical & Genetic Implications**

EDSP678T Seminar in Special Education: Infants & Toddlers with Disabilities-Medical & Genetic Implications; (3 credits) Grade Method: REG/AUD.
Course meets at the University of Maryland School of Medicine in the Neonatology Conference Room: 110 South Paca Street 8thfl, Baltimore, MD 21201. Explores the medical and genetic implications associated with infants and toddlers with disabilities. Students should contact Dr. Hussey-Gardner prior to the first class for more information regarding directions and parking: bhussey@peds.umaryland.edu

0401	Brenda Hussey-Gardner	Seats (Total: 12)
	Meets July 8, 2013 - August 12, 2013	
	M 3:00pm - 9:15pm	Location: TBA

EDSP687 **Family Partnerships in Special Education**

EDSP687 Family Partnerships in Special Education; (3 credits) Grade Method: REG.
Restriction: Must be in Special Education (Doctoral) program; or must be in Special Education (Master's) program. Also offered as: EDSP487. Credit only granted for: EDSP487 or EDSP687. Strategies for communicating and working with families of students with disabilities.

0501	Martha Moon	Seats (Total: 25)
	Meets June 17, 2013 - July 5, 2013	
	MTuWThF 4:00pm - 7:00pm	EDU 1315

EDSP788A **Selected Topics in Special Education; Cortical Visual Impairment - Phase III Assessment and Intervention**

EDSP788A Selected Topics in Special Education: Cortical Visual Impairment - Phase III Assessment and Intervention; (1-3 credits) Grade Method: REG/AUD.

0501	Sandra Newcomb	Seats (Total: 15)
	Meets June 25, 2013 - June 28, 2013	
	Contact instructor or department for details.	

EDSP798 **Special Problems in Special Education**

EDSP798 *(PermReq)* **Special Problems in Special Education; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDSP799 **Master's Thesis Research**

EDSP799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDSP799L **Master's Thesis Research; Denmark, Netherlands, Germany & U.S.: Comparative Approaches to Treatment and Incarceration**

Contact department for information to register for this course.

EDSP888 **Apprenticeship in Special Education**

EDSP888 Apprenticeship in Special Education; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDSP888A **Apprenticeship in Special Education; Apprenticeship in College Teaching**

EDSP888A Apprenticeship in Special Education: Apprenticeship in College Teaching; (3 credits) Grade Method: REG/AUD.

0104	Joan Lieber **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0105	Andrew Egel **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0108	Frances Kohl **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)

0109	Peter Leone **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0111	Martha Moon **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0114	Paula Maccini **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0115	Deborah Speece **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0116	Paula Beckman **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0117	Rebecca Silverman **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0118	Susan De La Paz **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0120	Margaret McLaughlin **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0121	Debra Neubert **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0122	Philip Burke **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)

0124	Leslie Page-Voth **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0125	Jade Wexler **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0204	Joan Lieber **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
0205	Andrew Egel **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
0208	Frances Kohl **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
0209	Peter Leone **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
0210	Leslie Page-Voth **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
0211	Martha Moon **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
0214	Paula Maccini **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
0215	Deborah Speece **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)

0216	Paula Beckman **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
0217	Rebecca Silverman **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
0218	Susan De La Paz **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
0220	Margaret McLaughlin **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
0221	Debra Neubert **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
0222	Philip Burke **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
0225	Jade Wexler **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)

EDSP889 **Internship in Special Education**

EDSP889 *(PermReq)* **Internship in Special Education; (3-8 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDSP898 **Pre-Candidacy Research**

EDSP898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EDSP899 **Doctoral Dissertation Research**

EDSP899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENAE Engineering, Aerospace Summer 2013

ENAE202 **Aerospace Computing**

ENAE202 Aerospace Computing; (3 credits) Grade Method: REG/P-F/AUD. *Corequisite: MATH140. Restriction: Must be in Engineering: Aerospace program; or permission of ENGR-Aerospace Engineering department.* Introduction to computational tools for the solution of engineering problems. C++ & MATLAB programming including branching and loops, functions, file handling, arrays, and data structures. Students will be introduced to object-oriented programming, basic computing, algorithms, and principles of software engineering.

0201	Robert Sanner	Seats (Total: 20)	
	Meets July 8, 2013 - August 18, 2013		
	MTuWF 12:30pm - 1:50pm	EGR 3111	
	Th 12:00pm - 2:00pm	EGR 3111	Lab

ENAE283 **Introduction to Aerospace Systems**

ENAE283 *(PermReq)* **Introduction to Aerospace Systems; (3 credits)** Grade Method: REG.
Prerequisite: PHYS161, MATH141, and ENES102. Corequisite: PHYS261 and PHYS260. Restriction: Must be in Engineering: Aerospace program. Credit only granted for: (ENAE281 and ENAE282) or ENAE283. Formerly: ENAE281 and ENAE282. Introduction to airplanes and space vehicles as aerospace systems. Fundamentals that describe these systems. Elements of aerodynamics, airfoils and wings. Airplane performance, stability and control. Aircraft and rocket propulsion. Fundamentals of orbital motion. Aspects of vehicle conceptual design.

0101	Nicholas D'Amore	Seats (Total: 30)	
	Meets May 28, 2013 - July 7, 2013		
	MTuWThF 4:30pm - 5:50pm	EGR 3106	

ENAE311 **Aerodynamics I**

ENAE311 *(PermReq)* **Aerodynamics I; (3 credits)** Grade Method: REG/P-F. *Prerequisite: PHYS271, MATH461, PHYS270, MATH246, ENAE283, ENES220, ENAE202, and MATH241. Corequisite: ENES232. Restriction: Must be in Engineering: Aerospace program; or permission of ENGR-Aerospace Engineering department. And junior standing or higher.* Fundamentals of aerodynamics. Elements of compressible flow. Normal and oblique shock waves. Flows through nozzles, diffusers and wind tunnels. Elements of the method of characteristics and finite difference solutions for compressible flows. Aspects of hypersonic flow.

0201	Ashish Nedungadi	Seats (Total: 20)
	Meets July 8, 2013 - August 18, 2013	
	MWF 4:00pm - 6:15pm	EGR 3102

ENAE423 **Vibration and Aeroelasticity**

ENAE423 *(PermReq)* **Vibration and Aeroelasticity; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: ENAE324. Restriction: Must be in Engineering: Aerospace program; or permission of ENGR-Aerospace Engineering department. Dynamic response of single and multiple degrees of freedom systems, finite element modeling, wing divergence, aileron reversal, wing and panel flutter.

0201	Sung Lee	Seats (Total: 20)
	Meets July 8, 2013 - August 18, 2013	
	MTuWThF 8:00am - 9:20am	EGR 0108

ENAE499 **Elective Research; Individual Instruction**

ENAE499 *(PermReq)* **Elective Research: Individual Instruction; (3 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENAE799 **Master's Thesis Research**

ENAE799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENAE898 **Pre-Candidacy Research**

ENAE898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F.

0102	Christopher Cadou **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 5)
0106	Norman Wereley **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 5)
0107	Sung Lee **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 5)
0109	Inderjit Chopra **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 5)
0110	James Humbert **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 5)
0111	Roberto Celi **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 5)
0112	John Leishman **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 5)
0113	Mark Lewis **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 5)
0114	James Baeder **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 5)

0115	David Akin **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 5)
0116	Robert Sanner **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 5)
0119	Kenneth Yu **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 5)
0123	Alison Flatau **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 5)
0124	Andre Marshall **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 5)
0125	James Hubbard **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 5)
0126	Derek Paley **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 5)
0127	Raymond Sedwick **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 5)
0129	Arnaud Trouve **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 5)
0130	Pino Martin **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 5)

0132	Fredric Schmitz **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 5)
0133	Anya Jones **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 5)
0202	Christopher Cadou **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 5)
0206	Norman Wereley **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 5)
0207	Sung Lee **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 5)
0209	Inderjit Chopra **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 5)
0210	James Humbert **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 5)
0211	Roberto Celi **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 5)
0212	John Leishman **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 5)
0213	Mark Lewis **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 5)

0214	James Baeder **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 5)
0215	David Akin **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 5)
0216	Robert Sanner **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 5)
0219	Kenneth Yu **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 5)
0223	Alison Flatau **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 5)
0224	Andre Marshall **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 5)
0225	James Hubbard **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 5)
0226	Derek Paley **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 5)
0227	Raymond Sedwick **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 5)
0229	Arnaud Trouve **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 5)

0230	Pino Martin **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 5)
0232	Fredric Schmitz **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 5)
0233	Anya Jones **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 5)
TV01	James Hubbard **Meets May 28, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 5)
TV04	James Hubbard **Meets May 28, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 5)

ENAE899 **Doctoral Dissertation Research**

ENAE899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENCE Engineering, Civil Summer 2013

ENCE360 **Analysis of Civil Engineering Systems**
Contact department for information to register for this course.

ENCE489 **Special Problems in Civil Engineering**

ENCE489 Special Problems in Civil Engineering; (1-3 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENCE600 **The Project Management Office: Execution Across Boundaries**

ENCE600 The Project Management Office: Execution Across Boundaries; (3 credits) Grade Method: REG/AUD.
Prerequisite: ENCE662. Restriction: Must be in one of the following programs (ENGR: MS/PhD-Civil Engineering (Master's); ENGR: MS/PhD-Civil Engineering (Doctoral); Master of Engineering (Master's)) ; or permission of ENGR-Civil & Environmental Engineering department. This course begins with a review of the project's cultural environment in order to understand the context of executing projects globally. Emphasis will be on the project office's role in stakeholders' engagement in the planning and execution aspects of projects. The coursewill also highlight the role of the project office in the virtual and agile management of project delivery; the fundamentals of communicating across different cultural boundaries; and the importance of matrixed business alliances.

PM01	Alaa Zeitoun	Seats (Total: 45)
	Meets May 28, 2013 - August 18, 2013	
	Class time/details on ELMs	ONLINE

ENCE623 **Introduction to Advanced Scheduling**

ENCE623 Introduction to Advanced Scheduling; (3 credits) Grade Method: REG/AUD.
Prerequisite: ENCE423 or ENCE662; and permission of ENGR-Civil & Environmental Engineering department. Credit only granted for: ENCE623 or ENCE688S. A Combination of lecture and hands-on use of software to develop advanced knowledge and skills necessary to master advanced scheduling techniques for project management and control will be used. No software purchase is necessary.

PM01	Kenneth O'Connell	Seats (Total: 30)
	Meets May 28, 2013 - August 18, 2013	
	Class time/details on ELMs	ONLINE

ENCE661 **Project Cost Accounting and Finance**

ENCE661 Project Cost Accounting and Finance; (3 credits) Grade Method: REG/AUD.

This course reviews the fundamentals of accounting; examines project cost accounting principles, applications, and impact on profitability; examines the principles of activity based costing; covers the elements involved in cash management; introduces the framework for how projects are financed and the potential impact financing has on the projects; and a framework for evaluating PC based systems and what resources are needed for an effective project cost system.

PM01	James Myers	Seats (Total: 45)
	Meets May 28, 2013 - August 12, 2013	
	Class time/details on ELMs	ONLINE

ENCE663 **Management of Design and Construction Organizations**

ENCE663 Management of Design and Construction Organizations; (3 credits) Grade Method: REG/AUD.

Prerequisite: Permission of ENGR-Civil & Environmental Engineering department.

This course examines the management focus of the design and/or construction company and how corporate management is different from, yet relates to, and impacts project management. The company creates the framework within which projects may consistently achieve excellent performance or they may struggle to complete behind schedule, over budget, and not meet the customer's requirements. What makes the difference?

PM01	Neil Schulman	Seats (Total: 30)
	Meets May 28, 2013 - July 7, 2013	
	Class time/details on ELMs	ONLINE

ENCE688 **Advanced Topics in Civil Engineering**

ENCE688 Advanced Topics in Civil Engineering; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENCE689 **Seminar**

ENCE689 Seminar; (1-16 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENCE799 **Master's Thesis Research**

ENCE799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENCE898 **Pre-Candidacy Research**

ENCE898 *(PermReq)* **Pre-Candidacy Research; (1-8 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENCE899 **Doctoral Dissertation Research**

ENCE899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENCH Engineering, Chemical Summer 2013

ENCH468 **Research**

ENCH468 *(PermReq)* **Research; (1-3 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENCH468L **Research; Photovoltaics: Solar Energy**
Contact department for information to register for this course.

ENCH648 **Special Problems in Chemical Engineering**

ENCH648 Special Problems in Chemical Engineering; (1-16 credits) Grade Method: REG/AUD.

0105	Peter Kofinas	Seats (Total: 5)
	Meets May 28, 2013 - July 7, 2013	
	Contact instructor or department for details.	

ENCH648L **Special Problems in Chemical Engineering; Photovoltaics: Solar Energy**
Contact department for information to register for this course.

ENCH799 **Master's Thesis Research**

ENCH799 *(PermReq)* **Master's Thesis Research; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENCH898 **Pre-Candidacy Research**

ENCH898 *(PermReq)* **Pre-Candidacy Research; (1-8 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENCH899 **Doctoral Dissertation Research**

ENCH899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENCO Engineering, Cooperative Education — Summer 2013

ENCO098 **Co-op/Internship Work Experience**

ENCO098 *(PermReq)* **Co-op/Internship Work Experience; (No credit)** Grade Method: S-F.

CP10	Heidi Sauber	Seats (Total: 300)
	Meets May 28, 2013 - July 7, 2013	
	Contact instructor or department for details.	

CP20	Heidi Sauber, Veronica Perrigan	Seats (Total: 300)
	Meets July 8, 2013 - August 18, 2013	
	Contact instructor or department for details.	

ENEE Electrical & Computer Engineering Summer 2013

ENEE200 **Social and Ethical Dimensions of Engineering Technology**

ENEE200 Social and Ethical Dimensions of Engineering Technology; (3 credits) Grade Method: REG. CORE Interdisciplinary & Emerging Issues (IE) Course. *Restriction: Sophomore standing or higher.* Designed for both engineering and non-engineering students wishing to explore and assess the impact of engineering technology on society and the role of society in generating that technology. Special emphasis is placed on the interplay of diverse and often conflicting personal and collective values in both the development and implementation of new technologies. These subjects touch on many areas of interest including ethics, politics, business, the law, and society.

0101	Wesley Lawson	Seats (Total: 24)
	Meets May 28, 2013 - July 7, 2013	
	MTuWThF 11:00am - 12:20pm	CSI 2107

ENEE205 **Electric Circuits**

ENEE205 *(PermReq)* **Electric Circuits; (4 credits)** Grade Method: REG. *Prerequisite: Minimum grade of C- in PHYS260; and permission of ENGR-Electrical & Computer Engineering department. Corequisite: MATH246. Restriction: Must be in one of the following programs (Engineering: Computer; Engineering: Electrical). Credit only granted for: ENEE204 or ENEE205. Formerly: ENEE204.* Design, analysis, simulation, construction and evaluation of electric circuits. Terminal Relationships. Kirchoff's laws. DC and AC steady state analysis. Node and mesh methods. Thevenin and Nortor equivalent circuits. Transient behavior of first- and second-order circuits. Frequency response and transfer functions. Ideal op-amp circuits. Diode and transistor circuits.

0101	Wesley Lawson	Seats (Total: 14)	
	Meets May 28, 2013 - July 18, 2013		
	MTuWTh 12:30pm - 1:50pm	CSI 1121	
	TuTh 8:00am - 10:50am	AVW 1356	Lab

ENEE244 **Digital Logic Design**

ENEE244 *(PermReq)* **Digital Logic Design; (3 credits)** Grade Method: REG. *Prerequisite: Permission of ENGR-Electrical & Computer Engineering department. Corequisite: ENEE150 or CMSC131. Restriction: Sophomore standing or higher; and must be in one of the following programs (Engineering: Computer; Engineering: Electrical).* The design and analysis of combinational and synchronous sequential systems comprising digital logic gates and flip-flop memory devices; underlying tools such as switching and Boolean algebras and Karnaugh map simplification of gate networks; design and use of decoders, multiplexers, encoders, adders, registers, counters, sequence recognizers, programmable logic arrays (PLAs), read-only memories (ROMS, PROMS), and similar devices. Arbitrary radix conversion. Engineering College only (04).

0101	Charles Silio	Seats (Total: 30)
	Meets May 28, 2013 - July 18, 2013	
	MTuWTh 9:30am - 10:50am	CSI 2118

ENEE303 **Analog and Digital Electronics**

ENEE303 *(PermReq)* **Analog and Digital Electronics; (3 credits)** Grade Method: REG.
Prerequisite: Must have earned a minimum grade of regular (letter) C- in all required 200-level ENEE courses; and permission of ENGR-Electrical Computer Engineering department. Restriction: Must be in one following programs (Engineering: Electrical; Engineering: Computer). Credit only granted for: ENEE302 or ENEE303. Conceptual operation of transistors and diodes. Large and small signal operation of BJTs and MOSFETs. Basic transistor configurations. Logic circuits and semiconductor memory. Multi-transistor circuits including differential amplifiers and current mirrors. Frequency response.

0101	Manoj Franklin	Seats (Total: 40)
	Meets May 28, 2013 - July 18, 2013	
	MTuWTh 12:30pm - 1:50pm	CSI 2120

ENEE313 **Introduction to Device Physics**

ENEE313 *(PermReq)* **Introduction to Device Physics; (3 credits)** Grade Method: REG.
Prerequisite: Must have earned a minimum grade of regular (letter) C- in all required 200-level ENEE courses; and permission of ENGR-Electrical Computer Engineering department. Restriction: Must be in one following programs (Engineering: Electrical; Engineering: Computer). Credit only granted for: ENEE312 or ENEE313. Basic physics of devices including fields in solids, crystal structure, properties of electrons and holes. Current flow in Si using drift-diffusion model. Properties of the pn junction. Properties of devices including BJTs, FETs and their physical characteristics.

0101	Manoj Franklin	Seats (Total: 40)
	Meets May 28, 2013 - July 18, 2013	
	MTuWTh 9:30am - 10:50am	CSI 2120

ENEE324 **Engineering Probability**

ENEE324 *(PermReq)* **Engineering Probability; (3 credits)** Grade Method: REG.
Prerequisite: ENEE322; and completion of all lower-division technical courses in the EE curriculum. Credit only granted for: BMGT231, STAT400 or ENEE324. Additional information: Electrical Engineering and Computer Engineering majors may not substitute STAT400 for ENEE324. These courses are not interchangeable, consult your program requirements or advisor for what is acceptable toward your program of study. Axioms of probability; conditional probability and Bayes' rules; random variables, probability distribution and densities: functions of random variables: weak law of large numbers and central limit theorem. Introduction to random processes; correlation functions, spectral densities, and linear systems. Applications to noise in electrical systems, filtering of signals from noise, estimation, and digital communications.

0101	Manoj Franklin	Seats (Total: 40)
	Meets May 28, 2013 - July 18, 2013	
	MTuWTh 11:00am - 12:20pm	CSI 2120

ENEE350 **Computer Organization**

ENEE350 *(PermReq)* **Computer Organization; (3 credits)** Grade Method: REG. *Prerequisite: Must have earned a minimum grade of regular (letter) C- in all required 200-level ENEE courses; and permission of ENGR-Electrical Computer Engineering department. Restriction: Must be in one following programs (Engineering: Computer; Engineering: Electrical). Formerly: ENEE250. Additional information: Electrical Engineering and Computer Engineering majors may not substitute CMSC311 for ENEE350. Not open to students who have completed ENEE250.* Structure and organization of digital computers. Registers, memory, control and I/O. Data and instruction formats, addressing modes, assembly language programming. Elements of system software, subroutines and their linkages. ENEE majors (09090) only.

0101	Charles Silio	Seats (Total: 30)
	Meets May 28, 2013 - July 18, 2013	
	MTuWTh 8:00am - 9:20am	CSI 2118

ENEE488 **Independent Study in Electrical and Computer Engineering**

ENEE488 *(PermReq)* **Independent Study in Electrical and Computer Engineering; (1-3 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENEE499 **Senior Projects in Electrical and Computer Engineering**

ENEE499 *(PermReq)* **Senior Projects in Electrical and Computer Engineering; (1-5 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENEE499L **Senior Projects in Electrical and Computer Engineering**

ENEE499L *(PermReq)* **Senior Projects in Electrical and Computer Engineering; (1-3 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENEE499R **Senior Projects in Electrical and Computer Engineering**

ENEE499R *(PermReq)* **Senior Projects in Electrical and Computer Engineering; (1-3 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENEE699 **Independent Studies in Electrical Engineering**

ENEE699 *(PermReq)* **Independent Studies in Electrical Engineering; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENEE799 **Master's Thesis Research**

ENEE799 *(PermReq)* **Master's Thesis Research; (1-6 credits)** Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENEE898 **Pre-Candidacy Research**

ENEE898 *(PermReq)* **Pre-Candidacy Research; (1-8 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENEE899 **Doctoral Dissertation Research**

ENEE899 *(PermReq)* **Doctoral Dissertation Research; (1-8 credits)** Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENES Engineering Science Summer 2013

ENES100 **Introduction to Engineering Design**

ENES100 *(PermReq)* **Introduction to Engineering Design; (3 credits)** Grade Method: REG/P-F/AUD. CORE Physical Science (PS) Course. GenEd: Distributive Studies - Scholarship in Practice.
Corequisite: MATH140. Students work as teams to design and build a product using computer software for word-processing, spreadsheet, CAD, and communication skills. Students who wish to register for this section after July 12, 2011, please e-mail summer@umd.edu

YS41	David Lovell **Meets July 8, 2013 - July 26, 2013** MTuWThF 9:00am - 1:00pm	Seats (Total: 38) JMP 1215
	This section is part of The Young Scholars Program. Enrollment by permission only.	
YS42	Peter Chang **Meets July 8, 2013 - July 26, 2013** MTuWThF 9:00am - 1:00pm	Seats (Total: 38) JMP 1116
	This section is part of The Young Scholars Program. Enrollment by permission only.	

ENES102 **Mechanics I**

ENES102 *(PermReq)* **Mechanics I; (3 credits)** Grade Method: REG/P-F/AUD. *Corequisite: MATH140. Restriction: Must be in a major in ENGR-A. James Clark School of Engineering. Formerly: ENES110.* The equilibrium of stationary bodies under the influence of various kinds of forces. Forces, moments, couples, equilibrium, trusses, frames and machines, centroids, moment of inertia, beams, friction, stress/strain, material properties. Vector and scalar methods are used to solve problems.

0101	Thomas Beigel **Meets May 28, 2013 - July 7, 2013** MTuWTh 12:30pm - 2:50pm	Seats (Total: 40) EGR 0110
0301	Stephen Kamakaris, Kevin Calabro **Meets May 28, 2013 - June 14, 2013** MTuWThF 9:00am - 1:00pm	Seats (Total: 40) CHE 2136

ENES106 **Achieving Success in Mathematics**

ENES106 Achieving Success in Mathematics; (3 credits) Grade Method: REG/P-F/AUD.
Restriction: Permission of ENGR-A. James Clark School of Engineering. An exploration of the skills and habits needed to successfully complete introductory mathematics courses.

CP01	Colleen Stock	Seats (Total: 20)
	Meets June 25, 2013 - July 26, 2013	
	MTuWThF 8:00am - 10:00am	EGR 1104

ENES107 **Achieving College Excellence**

ENES107 Achieving College Excellence; (1-3 credits) Grade Method: REG/P-F/AUD.
Restriction: Permission of ENGR-A. James Clark School of Engineering. An exploration of the skills and habits needed to successfully complete the introductory chemistry course for engineering students. Course will also include strategies for a successful first year experience.

CP01	Fredy Uruchima	Seats (Total: 20)
	Meets June 25, 2013 - July 26, 2013	
	MTuWThF 10:30am - 12:00pm	EGR 1104

ENES140 **Discovering New Ventures**

ENES140 Discovering New Ventures; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - Scholarship in Practice.
Additional information: This course may count as an elective for a student at the University of Maryland, depending on the student's specific degree program. It cannot be counted towards the requirements for the Smith School of Business Entrepreneurship Fellow Program. Students explore dynamic company startup topics by working in teams to design a new venture. This multi-disciplinary course helps students to learn the basic business, strategy, and leadership skills needed to launch new ventures. Topics include learning how to assess the feasibility of a startup venture, as well as how to apply best practices for planning, launching, and managing new companies. Students discuss a wide range of issues of importance and concern to entrepreneurs and learn to recognize opportunities, assess the skills and talents of successful entrepreneurs, and learn models that help them navigate uncertainty.

YS41	James Green	Seats (Total: 60)
	Meets July 8, 2013 - July 26, 2013	
	MTuWThF 9:30am - 12:30pm	JMP 2121
	This section is part of The Young Scholars Program. Enrollment by permission only.	

ENES220 **Mechanics II**

ENES220 *(PermReq)* **Mechanics II; (3 credits)** Grade Method: REG/P-F/AUD. *Prerequisite: Minimum grade of C- in ENES102; and (MATH141 and PHYS161). Restriction: Must be in a major in ENGR-A. James Clark School of Engineering; and must not be in Engineering: Electrical program.* Stress and deformation of solids-rods, beams, shafts, columns, tanks, and other structural, machine and vehicle members. Topics include stress transformation using Mohr's circle; shear and moment diagrams; derivation of elastic curves; and Euler's buckling formula. Design problems related to this material are given in lab.

0201	Thomas Beigel	Seats (Total: 50)
	Meets July 8, 2013 - August 18, 2013	
	MTuWTh 12:00pm - 2:20pm	EGR 0110
0501	Robert Bonenberger	Seats (Total: 40)
	Meets June 17, 2013 - July 5, 2013	
	MTuWThF 9:00am - 1:00pm	KEB 1200
	Students who wish to register for this section after June 4, 2012, please e-mail summer@umd.edu .	

ENES221 **Dynamics**

ENES221 *(PermReq)* **Dynamics; (3 credits)** Grade Method: REG/P-F/AUD. *Prerequisite: Minimum grade of C- in ENES102; and (MATH141 and PHYS161). Restriction: Must be in a major in ENGR-A. James Clark School of Engineering.* Systems of heavy particles and rigid bodies at rest and in motion. Force-acceleration, work-energy and impulse-momentum relationships. Motion of one body relative to another in a plane and in space.

0201	Chandrasekhar Thamire	Seats (Total: 40)
	Meets July 8, 2013 - August 18, 2013	
	MTuWTh 12:00pm - 2:20pm	EGR 1108

ENES232 **Thermodynamics**

ENES232 Thermodynamics; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: PHYS261 and PHYS260. Restriction: Must be in a major in ENGR-A. James Clark School of Engineering. Credit only granted for: BIOE232, CHBE300, ENCH300, ENES232, ENMA461, ENME320, or ENME232. Formerly: ENME232 and ENME320.* Introduction to thermodynamics. Thermodynamic properties of matter. First and second laws of thermodynamics, cycles, reactions, and mixtures.

0301	Kristen Hines	Seats (Total: 40)
	Meets May 28, 2013 - June 14, 2013	
	MTuWThF 9:00am - 1:00pm	KEB 1200

ENES269C **Topics in Grand Challenges for Engineering in a Global Context; The View from China**
Contact department for information to register for this course.

ENES458A **Topics in International Engineering; Engineers Without Borders: Leadership Seminar - Assessment**
Contact department for information to register for this course.

ENES458C **Topics in International Engineering; Engineers Without Borders: Leadership Seminar - Monitoring**
Contact department for information to register for this course.

ENES458I **Topics in International Engineering; Engineers Without Borders: Leadership Seminar - Implementation**
Contact department for information to register for this course.

ENES460 **Fundamentals of Technology Start-Up Ventures**

ENES460 Fundamentals of Technology Start-Up Ventures; (3 credits) Grade Method: REG/P-F/AUD.
Formerly: ENES489A. Fundamental aspects of creating, organizing, funding, managing, and growing a technology startup venture. This multidisciplinary course will draw on management, business, legal, financial, as well as technical, concepts. Students form teams and develop a business plan for a technology company, based on each team's own business idea and then present the plan to a panel of outside experts.

WB11	James Green	Seats (Total: 65)
	Meets May 28, 2013 - July 7, 2013	
	Class time/details on ELMs	ONLINE

ENES464 **International Entrepreneurship and Innovation**

ENES464 International Entrepreneurship and Innovation; (3 credits) Grade Method: REG/P-F/AUD.
Focuses on the need for every entrepreneur and innovator to understand the global market in today's hypercompetitive world, and to appreciate how to compete effectively in domestic markets by managing international competitors, suppliers, and influences. Explore how the distinction between foreign and domestic markets is becoming less pronounced. Develop skills to identify and manage opportunities on a global basis.

WB11	Shyam Chidamber	Seats (Total: 50)
	Meets May 28, 2013 - July 7, 2013	
	Class time/details on ELMs	ONLINE

ENES472 **International Business Cultures in Engineering and Technology**
Contact department for information to register for this course.

ENFP Engineering, Fire Protection Summer 2013

ENFP429 **Independent Studies**

ENFP429 *(PermReq)* **Independent Studies; (1-3 credits)** Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENFP621 **Analytical Procedures of Structural Fire Protection**

ENFP621 Analytical Procedures of Structural Fire Protection; (3 credits) Grade Method: REG/AUD.
Prerequisite: ENFP405 and ENFP312. Analysis procedures for structural components of wood, steel, concrete, composites. Structural capabilities, modifications under fire induced exposures. Calculations, computer models for predicting fire resistance ratings of structural components.

EF01	Darlene Rini, Susan Lamont, Jerry Taricska **Meets June 3, 2013 - August 19, 2013** Class time/details on ELMs	Seats (Total: 40) ONLINE

ENFP629 **Selected Topics**

ENFP629 Selected Topics; (3-6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENFP649 **Special Problems**

ENFP649 Special Problems; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENFP651 **Advanced Fire Dynamics**

ENFP651 Advanced Fire Dynamics; (3 credits) Grade Method: REG/AUD. *Credit only granted for: ENFP629A or ENFP651. Formerly: ENFP629A.* A review of the basic chemistry and physics necessary to understanding fire dynamics; and of the physics of heat transfer and turbulent fluid flow will be given. The nature and structure of premixed and diffusion flames will be presented.

EF01	Richard Roby, Douglas Carpenter **Meets June 3, 2013 - August 19, 2013** Class time/details on ELMs	Seats (Total: 40) ONLINE

ENFP799 **Master's Thesis Research**

ENFP799 Master's Thesis Research; (1-6 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENGL English Summer 2013

ENGL101 **Academic Writing**

ENGL101 Academic Writing; (3 credits) Grade Method: REG. GenEd: Fundamental Studies - Academic Writing.
An introductory course in expository writing. An introductory course in academic writing.

0101	Christopher Hazlett **Meets May 28, 2013 - July 7, 2013** TuTh 12:00pm - 3:30pm	Seats (Total: 22) TWS 0205
0501	Heather McHale **Meets June 17, 2013 - July 27, 2013** MTuWThF 11:15am - 12:45pm	Seats (Total: 3) SPH 0305
HY21	Thomas Earles **Meets July 8, 2013 - August 18, 2013** Tu 6:00pm - 9:15pm Class time/details on ELMs	Seats (Total: 22) TWS 0201 ONLINE

ENGL206 **Shakespeare**

ENGL206 Shakespeare; (3 credits) Grade Method: REG/P-F/AUD. CORE Literature (HL) Course. GenEd: Distributive Studies - Humanities.
Credit only granted for: ENGL205, ENGL206, or ENGL289I. Formerly: ENGL205.
Shakespeare's poems, history plays, comedies, and tragedies as investigations into language use, governance, sexuality, ethics, and mortality.

WB11	Kimberly Coles **Meets May 28, 2013 - July 7, 2013** Class time/details on ELMs	Seats (Total: 25) ONLINE

ENGL222 **American Literature: 1865 to Present**

ENGL222 American Literature: 1865 to Present; (3 credits) Grade Method: REG/P-F/AUD. CORE Literature (HL) Course. GenEd: Distributive Studies - Humanities.
Surveys American writing from the Civil War through the Cold War. Authors such as Clemens, Frost, Hurston, Bellow.

WB21	Katherine Stanutz	Seats (Total: 20)
	Meets July 8, 2013 - August 18, 2013	
	Class time/details on ELMs	ONLINE

ENGL243 **What is Poetry?**

ENGL243 What is Poetry?; (3 credits) Grade Method: REG/P-F/AUD. CORE Literature (HL) Course. GenEd: Distributive Studies - Humanities.
An exploration of arguably the most complex, profound, and ubiquitous expression of human experience. Study through close reading of significant forms and conventions of Western poetic tradition. Poetry's roots in oral and folk traditions and connections to popular song forms.

WB11	Vessela Valiavitcharska	Seats (Total: 20)
	Meets May 28, 2013 - July 7, 2013	
	Class time/details on ELMs	ONLINE
WB21	Lindsay Bernal	Seats (Total: 25)
	Meets July 8, 2013 - August 18, 2013	
	Class time/details on ELMs	ONLINE

ENGL245 **Film Form and Culture**

ENGL245 Film Form and Culture; (3 credits) Grade Method: REG/P-F/AUD. CORE History or Theory of Arts (HA) Course. GenEd: Distributive Studies - Humanities.
Restriction: Must not have completed FILM245. Also offered as: FILM245. Credit only granted for: CMLT214, CMLT245, ENGL245, or FILM245. Formerly: CMLT214.
Introduction to film as art form and how films create meaning. Basic film terminology; fundamental principles of film form, film narrative, and film history. Examination of film technique and style over past one hundred years. Social and economic functions of film within broader institutional, economic, and cultural contexts.

0601	Kelly Singleton	Seats (Total: 5)
	Meets July 29, 2013 - August 16, 2013	
	MTuWTh 9:00am - 12:20pm	TWS 0205

FF61	Kelly Singleton **Meets July 29, 2013 - August 16, 2013** MTuWTh 9:00am - 12:20pm *Restricted to students in Freshman First. For Program information click here .*	Seats (Total: 10) TWS 0205
WB11	Oliver Gaycken **Meets May 28, 2013 - July 7, 2013** Class time/details on ELMs	Seats (Total: 25) ONLINE
WB21	Paul Cote **Meets July 8, 2013 - August 18, 2013** Class time/details on ELMs	Seats (Total: 25) ONLINE

ENGL250 **Reading Women Writing**

ENGL250 Reading Women Writing; (3 credits) Grade Method: REG/P-F/AUD. CORE Literature (HL) Course. CORE Diversity (D) Course. GenEd: Distributive Studies - Humanities; Diversity - Understanding Plural Societies.
Also offered as: WMST255. Credit only granted for: ENGL250 or WMST255. Explores literary and cultural expressions by women and their receptions within a range of historical periods and genres. Topics such as what does a woman need in order to write, what role does gender play in the production, consumption, and interpretation of texts, and to what extent do women comprise a distinct literary subculture. Interpretation of texts will be guided by feminist and gender theory, ways of reading that have emerged as important to literary studies over the last four decades. Also offered as WMST255.

WB21	Sarah Sillin **Meets July 8, 2013 - August 18, 2013** Class time/details on ELMs	Seats (Total: 25) ONLINE

ENGL265 **Lesbian, Gay, Bisexual, and Transgender Literatures**

ENGL265 Lesbian, Gay, Bisexual, and Transgender Literatures; (3 credits) Grade Method: REG/P-F/AUD. CORE Literature (HL) Course. CORE Diversity (D) Course. GenEd: Distributive Studies - Humanities; Diversity - Understanding Plural Societies. *Restriction: Must not have completed LGBT265. Also offered as: LGBT265. Credit only granted for: ENGL265 or LGBT265.* Exploration of literary and cultural expressions of sexuality and gender. Study of a range of historical periods and literary genres, such as essay, poetry, novel, drama, film. Topics include sexual norms and dissidence, gender identity and expression, the relationship between aesthetic forms and sexual subjectivity. Interpretation of texts particularly through the lens of queer theory. Examination of how sex and gender intersect with other forms of difference, including race and class.

WB11	James Goodwin	Seats (Total: 20)
	Meets May 28, 2013 - July 7, 2013	
	Class time/details on ELMs	ONLINE

ENGL269A **Special Topics in Study Abroad II; American Writers in Paris**
Contact department for information to register for this course.

ENGL278D **Special Topics in Literature; Writing to be Seen: Scriptwriting for Theatre, Film and Television**

ENGL278D *(PermReq)* **Special Topics in Literature: Writing to be Seen: Scriptwriting for Theatre, Film and Television; (3 credits)** Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - Scholarship in Practice.
This section is part of The Young Scholars Program. Enrollment by permission only. Introduction to the theory and practice of scriptwriting, with an emphasis on the critical reading of textual/visual literary models. Students prepare frequent writing exercises and provide feedback for each other's scripts in a workshop format. Please access the Young Scholars Programs website for further information.

YS41	Douglas Kern	Seats (Total: 25)
	Meets July 8, 2013 - July 26, 2013	
	MTuWThF 10:00am - 1:00pm	TWS 1105

ENGL295 **Literature in a Wired World**

ENGL295 Literature in a Wired World; (3 credits) Grade Method: REG/P-F/AUD. CORE Literature (HL) Course. GenEd: Distributive Studies - Humanities.
Credit only granted for: ENGL278W or ENGL295. Formerly: ENGL278W. An introduction to the changing nature of books, texts, and narrative in Information Age. Role of book in relation to other media, history of computers and writing, influence of computing on contemporary literature and culture, emerging forms of digital narrative and reading. Practical skills taught range from how to find digital literature and other texts online to using Web media to create literary works.

WB11	Andrew Black **Meets May 28, 2013 - July 7, 2013** Class time/details on ELMs	Seats (Total: 25) ONLINE
WB21	Nathan Kelber **Meets July 8, 2013 - August 18, 2013** Class time/details on ELMs	Seats (Total: 25) ONLINE

ENGL304 **The Major Works of Shakespeare**

ENGL304 The Major Works of Shakespeare; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: Two lower-level English courses, at least one in literature; or permission of ARHU-English department. Restriction: Must not have completed ENGL403 or ENGL404. Representative early, middle, and later works, including comedies, tragedies, histories, and romances. Historical and cultural contexts.

0101	Jasmine Lellock **Meets May 28, 2013 - July 7, 2013** MW 1:00pm - 4:30pm	Seats (Total: 35) TWS 0205

ENGL312 **Romantic to Modern British Literature**

ENGL312 Romantic to Modern British Literature; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: Two lower-level English courses, at least one in literature; or permission of ARHU-English department. Detailed study of selected major texts from the 19th and 20th centuries. Transitions from Romanticism to Victorian age to Modernism. Historical, social, literary contexts. Issues such as rise of democracy; industrial revolution; the "woman question"; revolutions in literary form. Authors might include Wordsworth, Austen, Dickens, Arnold, T.S. Eliot, and Woolf.

WB21	Jason Rudy	Seats (Total: 25)
	Meets July 8, 2013 - August 18, 2013	
	Class time/details on ELMs	ONLINE

ENGL329B **Special Topics in Film Studies; English Literature on Film in the Twenty-First Century**

ENGL329B Special Topics in Film Studies: English Literature on Film in the Twenty-First Century; (3 credits) Grade Method: REG/P-F/AUD.

WB11	Joseph Byrne	Seats (Total: 25)
	Meets May 28, 2013 - July 7, 2013	
	Class time/details on ELMs	ONLINE
	Click here for more course information.	

ENGL329C **Special Topics in Film Studies; Sexuality in the Cinema**

ENGL329C Special Topics in Film Studies: Sexuality in the Cinema; (3 credits) Grade Method: REG/P-F/AUD.
Also offered as CMLT398L.

0201	Eugene Robinson	Seats (Total: 35)
	Meets July 8, 2013 - August 18, 2013	
	TuTh 6:00pm - 9:15pm	TWS 0221

ENGL348C **Literary Works by Women; Science Fiction**

ENGL348C Literary Works by Women: Science Fiction; (3 credits) Grade Method: REG/P-F/AUD. CORE Diversity (D) Course.
Also offered as WMST348C.

0101	Jane Donawerth	Seats (Total: 35)
	Meets May 28, 2013 - July 7, 2013	
	TuTh 6:00pm - 9:15pm	TWS 0234

ENGL362 **Caribbean Literature in English**

ENGL362 Caribbean Literature in English; (3 credits) Grade Method: REG/P-F/AUD. CORE Diversity (D) Course.
Prerequisite: Two lower-level English courses, at least one in literature; or permission of ARHU-English department. Political and literary traditions that intersect in the fiction, poetry, and drama written in English by Caribbean writers, primarily during the 20th century.

WB11	Merle Collins	Seats (Total: 25)
	Meets May 28, 2013 - July 7, 2013	
	Class time/details on ELMs	ONLINE

ENGL369A **Special Topics in Study Abroad III; American Writers in Paris**
Contact department for information to register for this course.

ENGL369B **Special Topics in Study Abroad III; Methods and Issues in Film Preservation_Italy**
Contact department for information to register for this course.

ENGL369J **Special Topics in Study Abroad III; Ireland: James Joyce's Dublin**
Contact department for information to register for this course.

ENGL369K **Special Topics in Study Abroad III; Great Directors**
Contact department for information to register for this course.

ENGL369M **Special Topics in Study Abroad III; UK: London Study Abroad: Literature, History, Drama, Architecture, Art and Archeology**
Contact department for information to register for this course.

ENGL369P **Special Topics in Study Abroad III; Politics and Science Fiction**
Contact department for information to register for this course.

ENGL388P **Writing Internship; Pre-professional Writing Skills Internship**

ENGL388P *(PermReq)* **Writing Internship: Pre-professional Writing Skills Internship; (1-6 credits)** Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - Scholarship in Practice.

WB21	Karen Lewis **Meets July 8, 2013 - August 18, 2013** Class time/details on ELMs	Seats (Total: 20) ONLINE

ENGL391 **Advanced Composition**

ENGL391 Advanced Composition; (3 credits) Grade Method: REG. GenEd: Fundamental Studies - Professional Writing.
Prerequisite: ENGL101; or students who have taken courses with comparable content may contact the department. Restriction: Must have earned a minimum of 60 credits.
An advanced composition course which emphasizes constructing written arguments accommodated to real audiences.

0102	Robin Earnest **Meets May 28, 2013 - July 7, 2013** TuTh 9:30am - 12:45pm	Seats (Total: 22) TWS 0224
0107	Mark Fitzgerald **Meets May 28, 2013 - July 7, 2013** MW 6:00pm - 9:15pm	Seats (Total: 22) TWS 0223
0201	Melanie Faith **Meets July 8, 2013 - August 18, 2013** MW 9:30am - 12:45pm	Seats (Total: 22) TWS 0232
0204	Mark Forrester **Meets July 8, 2013 - August 18, 2013** MW 6:00pm - 9:15pm	Seats (Total: 22) TWS 1105

ENGL393 **Technical Writing**

ENGL393 Technical Writing; (3 credits) Grade Method: REG. GenEd: Fundamental Studies - Professional Writing.
Prerequisite: ENGL101; or students who have taken courses with comparable content may contact the department. Restriction: Must have earned a minimum of 60 credits.
The writing of technical papers and reports.

0101	Danuta Hinc **Meets May 28, 2013 - July 7, 2013** MW 9:30am - 12:45pm	Seats (Total: 22) TWS 0224
0102	Rebecca Ritzel **Meets May 28, 2013 - July 7, 2013** TuTh 9:30am - 12:45pm Contact instructor or department for details.	Seats (Total: 22) TWS 0201
0103	Mary Shea **Meets May 28, 2013 - July 7, 2013** TuTh 9:30am - 12:45pm Contact instructor or department for details.	Seats (Total: 22) TWS 0223
0112	Ann Mason **Meets May 28, 2013 - July 7, 2013** TuTh 6:00pm - 9:15pm	Seats (Total: 22) ASY 3219
0113	Amanda Olson **Meets May 28, 2013 - July 7, 2013** TuTh 6:00pm - 9:15pm	Seats (Total: 22) TWS 0223
0201	Joseph Wappel **Meets July 8, 2013 - August 18, 2013** MW 9:30am - 12:45pm	Seats (Total: 22) TWS 0230
0202	Paul Haynos **Meets July 8, 2013 - August 18, 2013** TuTh 9:30am - 12:45pm	Seats (Total: 22) TWS 0232
0206	Joshua Buursma **Meets July 8, 2013 - August 18, 2013** MW 6:00pm - 9:15pm	Seats (Total: 22) ASY 3221

0207	Samantha Gendler **Meets July 8, 2013 - August 18, 2013** MW 6:00pm - 9:15pm	Seats (Total: 22) TWS 0232
0209	Michael Winett **Meets July 8, 2013 - August 18, 2013** TuTh 6:00pm - 9:15pm	Seats (Total: 22) TWS 0232

ENGL393X **Technical Writing**

ENGL393X *(PermReq)* **Technical Writing; (3 credits)** Grade Method: REG. GenEd: Fundamental Studies - Professional Writing.
Prerequisite: ENGL101; or students who have taken courses with comparable content may contact the department. Restriction: Must have earned a minimum of 60 credits. The writing of technical papers and reports. For students for whom English is a second language. By permission from Grace Crussiah (gjc@umd.edu) only.

0103	Connie Inukai **Meets May 28, 2013 - July 7, 2013** MW 6:00pm - 9:15pm	Seats (Total: 15) TWS 0224
0202	Daniel Saalfeld **Meets July 8, 2013 - August 18, 2013** TuTh 6:00pm - 9:15pm	Seats (Total: 15) TWS 0230

ENGL394 **Business Writing**

ENGL394 Business Writing; (3 credits) Grade Method: REG. GenEd: Fundamental Studies - Professional Writing.
Prerequisite: ENGL101; or students who have taken courses with comparable content may contact the department. Restriction: Must have earned a minimum of 60 credits. Intensive practice in the forms of written communication common in the business world-letters, memos, short reports, and proposals. Principles of rhetoric and effective style.

0101	Donald McGlew **Meets May 28, 2013 - July 7, 2013** MW 9:30am - 12:45pm	Seats (Total: 22) TWS 1105

0104	Donald McNeilly **Meets May 28, 2013 - July 7, 2013** MW 6:00pm - 9:15pm	Seats (Total: 22) TWS 0221
0107	Thomas Lowderbaugh **Meets May 28, 2013 - July 7, 2013** TuTh 6:00pm - 9:15pm	Seats (Total: 22) TWS 0224
0202	Shayna Maskell **Meets July 8, 2013 - August 18, 2013** TuTh 9:30am - 12:45pm	Seats (Total: 22) WDS 1130
0204	Ceil Goldberg **Meets July 8, 2013 - August 18, 2013** MW 6:00pm - 9:15pm	Seats (Total: 22) TWS 0230
0206	Mary Turner **Meets July 8, 2013 - August 18, 2013** TuTh 6:00pm - 9:15pm	Seats (Total: 22) TWS 0207

ENGL395 **Writing for Health Professions**

ENGL395 Writing for Health Professions; (3 credits) Grade Method: REG. GenEd: Fundamental Studies - Professional Writing.
Prerequisite: ENGL101; or students who have taken courses with comparable content may contact the department. Restriction: Must have earned a minimum of 60 credits.
Focus on accommodating technical material and empirical studies to lay audiences, and helping writers to achieve stylistic flexibility and correctness.

0102	Tanya Paperny **Meets May 28, 2013 - July 7, 2013** TuTh 9:30am - 12:45pm	Seats (Total: 22) TWS 1105

ENGL409Y **Study Abroad Special Topics IV; Travel Writing**
Contact department for information to register for this course.

ENGL429 **Independent Research in English**

ENGL429 *(PermReq)* **Independent Research in English; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENGL433 **American Literature: 1914 to the Present, the Modern Period**

ENGL433 American Literature: 1914 to the Present, the Modern Period; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: Two English courses in literature; or permission of ARHU-English department. Modernism, Postmodernism. Writers such as Stevens, Stein, Ellison. Also offered as ENGL631.

0101	Peter Mallios	Seats (Total: 30)
	Meets May 28, 2013 - July 7, 2013	
	TuTh 1:00pm - 4:15pm	TWS 0207

ENGL452 **English Drama From 1660 to 1800**

ENGL452 English Drama From 1660 to 1800; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: Two English courses in literature; or permission of ARHU-English department. Restoration and eighteenth-century drama, with special attention to theater history, cultural influences, concepts of tragedy, comedy, farce, parody, and burlesque, as well as dramatic and verbal wit. Also offered as ENGL623.

HY21	Laura Rosenthal	Seats (Total: 30)
	Meets July 8, 2013 - August 18, 2013	
	Tu 1:00pm - 4:15pm	TWS 3134
	Th 1:00pm - 4:15pm	ONLINE

ENGL462 **Folksong and Ballad**

ENGL462 Folksong and Ballad; (3 credits) Grade Method: REG/P-F/AUD.
A cross-section of American folk and popular songs in their cultural contexts; artists from Bill Monroe to Robert Johnson. Also offered as ENGL629.

0201	Barry Pearson	Seats (Total: 30)
	Meets July 8, 2013 - August 18, 2013	
	MW 1:00pm - 4:15pm	TWS 1107

ENGL489L **Special Topics in English Language; Language and Humor**

ENGL489L Special Topics in English Language: Language and Humor; (3 credits) Grade Method: REG/P-F/AUD.

0101	Linda Coleman	Seats (Total: 30)
	Meets May 28, 2013 - July 7, 2013	
	MW 1:00pm - 4:30pm	TWS 1106
	Click here for more course information.	

ENGL623 **Readings in Eighteenth-Century English Literature**

ENGL623 Readings in Eighteenth-Century English Literature; (3 credits) Grade Method: REG/AUD.

HY21	Laura Rosenthal	Seats (Total: 30)
	Meets July 8, 2013 - August 18, 2013	
	Tu 1:00pm - 4:15pm	TWS 3134
	Th 1:00pm - 4:15pm	ONLINE

ENGL629C **Readings in Folklore and Folklife; Folksong and Ballad**

ENGL629C Readings in Folklore and Folklife: Folksong and Ballad; (3-6 credits) Grade Method: REG/AUD.

0201	Barry Pearson	Seats (Total: 30)
	Meets July 8, 2013 - August 18, 2013	
	MW 1:00pm - 4:15pm	TWS 1107

ENGL631 **Readings in 20th Century American Literature**

ENGL631 Readings in 20th Century American Literature; (3 credits) Grade Method: REG/AUD.

0101	Peter Mallios	Seats (Total: 30)
	Meets May 28, 2013 - July 7, 2013	
	TuTh 1:00pm - 4:15pm	TWS 0207

ENGL699 **Independent Study**

ENGL699 *(PermReq)* **Independent Study; (1-3 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENGL799 **Master's Thesis Research**

ENGL799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENGL898 **Pre-Candidacy Research**

ENGL898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F.

0201	Instructor: TBA	Seats (Total: 1)
	Meets July 8, 2013 - August 18, 2013	
	Contact instructor or department for details.	

ENGL899 **Doctoral Dissertation Research**

ENGL899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENMA Engineering, Materials Summer 2013

ENMA300 **Introduction to Materials Engineering**

ENMA300 *(PermReq)* **Introduction to Materials Engineering; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: ENES100; and permission of ENGR-Materials Science & Engineering department. Corequisite: MATH241. Recommended: PHYS261 and PHYS260. Also offered as: ENME382. Credit only granted for: ENMA300 or ENME382. Structure of materials, chemical composition, phase transformations, corrosion and mechanical properties of metals, ceramics, polymers and related materials. Materials selection in engineering applications.

0401	Isabel Lloyd	Seats (Total: 30)
	Meets July 8, 2013 - July 28, 2013	
	MTuWThF 9:00am - 12:00pm	KEB 1200

ENMA489 **Selected Topics in Engineering Materials**

ENMA489 *(PermReq)* **Selected Topics in Engineering Materials; (3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENMA499 **Senior Laboratory Project**

ENMA499 *(PermReq)* **Senior Laboratory Project; (3 credits)** Grade Method: REG/P-F/AUD.

0201	Robert Briber	Seats (Total: 1)
	Meets July 8, 2013 - August 18, 2013	
	Contact instructor or department for details.	

ENMA698 **Special Problems in Materials Science and Engineering**

ENMA698 Special Problems in Materials Science and Engineering; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENMA797 **Independent Study**

ENMA797 Independent Study; (3 credits) Grade Method: REG/AUD.
This course is designed to provide students with a directed independent study course in order to prepare the scholarly paper required for the master's degree without thesis degree option.

0101	Manfred Wuttig **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 2)

ENMA799 **Master's Thesis Research**

ENMA799 *(PermReq)* **Master's Thesis Research; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENMA898 **Pre-Candidacy Research**

ENMA898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F.

0101	Manfred Wuttig **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0114	Patrick McCluskey **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0120	Gottlieb Oehrlein **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0123	Joonil Seog **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0201	Manfred Wuttig **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)

0214	Patrick McCluskey **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
0223	Joonil Seog **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
0230	Isabel Lloyd **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 1)

ENMA899 **Doctoral Dissertation Research**

ENMA899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENME Engineering, Mechanical Summer 2013

ENME331 **Fluid Mechanics**

ENME331 Fluid Mechanics; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: ENES232 and ENES221. Also offered as: BIOE331. Credit only granted for: BIOE331 or ENME331.* Principles of fluid mechanics. Mass, momentum and energy conservation. Hydrostatics. Control volume analysis. Internal and external flow. Boundary layers. Modern measurement techniques. Computer analysis. Laboratory experiments.

0102	Xinan Liu **Meets May 28, 2013 - July 7, 2013** MW 12:30pm - 4:00pm	Seats (Total: 40) EGR 3106

ENME332 **Transfer Processes**

ENME332 Transfer Processes; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: ENME331.* The principles of heat transfer. Conduction in solids. Convection. Radiation. Modern measurement techniques. Computer analysis.

0101	Michael Ohadi, Amir Shooshtari	Seats (Total: 25)	
	Meets May 28, 2013 - July 7, 2013		
	TuTh 10:00am - 1:30pm	EGR 1108	

ENME351 **Electronics and Instrumentation II**

ENME351 Electronics and Instrumentation II; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: PHYS271, ENME350, and PHYS270. Continuation of ENME 350. Modern instrumentation. Basic circuit design, standard microelectronic circuits. Digital data acquisition and control. Signal conditioning. Instrumentation interfacing. Designing and testing of analog circuits. Laboratory experiments.

0101	Mona Mirzaeimoghri	Seats (Total: 15)	
	Meets May 28, 2013 - July 7, 2013		
	MW 11:30am - 1:30pm	EGR 0108	
	MW 1:40pm - 3:40pm	EGR 0108	Lab

ENME361 **Vibration, Controls and Optimization I**

ENME361 Vibration, Controls and Optimization I; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: ENES220, ENES221, and MATH246; and (ENME271 or MATH206). Restriction: Must be in Engineering: Mechanical program. Fundamentals of vibration, controls and optimization. Analysis and design in time, Laplace and frequency domains. Mathematical description of system response, system stability, control and optimization. Optimal design of mechanical systems.

0101	Vincent Nguyen	Seats (Total: 30)	
	Meets May 28, 2013 - July 7, 2013		
	TuTh 12:30pm - 4:00pm	EGR 2154	

ENME382 **Introduction to Materials Engineering**

ENME382 *(PermReq)* **Introduction to Materials Engineering; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: ENES100; and permission of ENGR-Mechanical Engineering department. Corequisite: MATH241. Recommended: PHYS261 and PHYS260. Also offered as: ENMA300. Credit only granted for: ENMA300 or ENME382. Structure of materials, chemical composition, phase transformations, corrosion and mechanical properties of metals, ceramics, polymers and related materials. Materials selection in engineering applications.

0401	Isabel Lloyd	Seats (Total: 30)
	Meets July 8, 2013 - July 28, 2013	
	MTuWThF 9:00am - 12:00pm	KEB 1200

ENME392 **Statistical Methods for Product and Processes Development**

ENME392 Statistical Methods for Product and Processes Development; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: MATH241. Integrated statistical methodology for the improvement of products and processes in terms of performance, quality and cost. Designed experimentation. Statistical process control. Software application. Laboratory activities. Students have the option to meet in JMP2217.

HY21	David Bigio	Seats (Total: 25)
	Meets July 8, 2013 - August 18, 2013	
	MW 11:00am - 1:00pm	ONLINE

ENME400 **Machine Design**

ENME400 Machine Design; (3 credits) Grade Method: REG/P-F/AUD.
Restriction: Senior standing. Working stresses, stress concentration, stress analysis and repeated loadings. Design of machine elements. Kinematics of mechanisms.

0101	Thomas Beigel	Seats (Total: 35)
	Meets May 28, 2013 - July 7, 2013	
	MW 4:00pm - 6:00pm	EGR 0108
	Tu 4:00pm - 6:45pm	EGR 0108
	Th 4:00pm - 6:00pm	EGR 0108

0201	Thomas Beigel	Seats (Total: 35)
	Meets July 8, 2013 - August 18, 2013	
	MW 4:00pm - 6:00pm	EGR 0108
	Tu 3:00pm - 5:45pm	EGR 0110
	Th 3:00pm - 5:00pm	EGR 0110

ENME414 **Computer-Aided Design**

ENME414 Computer-Aided Design; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: MATH241; or students who have taken courses with comparable content may contact the department.* Introduction to computer graphics. Plotting and drawing with computer software. Principles of writing interactive software. The applications of computer graphics in computer-aided design. Computer-aided design project.

0301	Guangming Zhang	Seats (Total: 29)
	Meets May 28, 2013 - June 14, 2013	
	MTuWThF 8:00am - 11:00am	EGR 0312
0302	Guangming Zhang	Seats (Total: 42)
	Meets May 28, 2013 - June 14, 2013	
	MTuWThF 12:00pm - 3:00pm	KEB 2111

ENME462 **Vibrations, Controls, and Optimization II**

ENME462 Vibrations, Controls, and Optimization II; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: ENME351 and ENME361. Formerly: ENME362. Continuation of ENME 361. Fundamentals of vibration, controls, and optimization. Analysis and design in time, Laplace and frequency domains. Mathematical descriptions of system response, system stability, control and optimization. Optimal design of mechanical systems.

0101	Mostafa Nouh	Seats (Total: 30)
	Meets May 28, 2013 - July 7, 2013	
	MTuWTh 8:00am - 10:00am	EGR 1108

ENME488 **Special Problems**

ENME488 *(PermReq)* **Special Problems; (3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENME635 **Energy Systems Analysis**

Contact department for information to register for this course.

ENME701 **Sustainable Energy Conversion and the Environment**

ENME701 Sustainable Energy Conversion and the Environment; (3 credits) Grade Method: REG/AUD.
Recommended: ENME633. Credit only granted for: ENME701, ENME706 or ENME808D. Formerly: ENME706 and ENME808D. Discussion of the major sources and end-uses of energy in our society with particular emphasis on renewable energy production and utilization. Introduces a range innovative technologies and discusses them in the context of the current energy infrastructure. Renewable sources such as wind and solar are discussed in detail. Particular attention is paid to the environmental impact of the various forms of energy.

0201	K Radermacher, Yunho Hwang	Seats (Total: 30)
	Meets July 8, 2013 - July 19, 2013	
	MTuWThF 9:00am - 5:00pm	JMP 1109

ENME799 **Master's Thesis Research**

ENME799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENME808 **Advanced Topics in Mechanical Engineering**

Contact department for information to register for this course.

ENME898 **Pre-Candidacy Research**

ENME898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENME899 **Doctoral Dissertation Research**

ENME899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENNU Engineering, Nuclear Summer 2013

ENNU620 **Mathematical Techniques for Engineering Analysis and Modeling**

ENNU620 Mathematical Techniques for Engineering Analysis and Modeling; (3 credits) Grade Method: REG.
Also offered as: ENRE620. Probability and probability distributions; statistics; ordinary differential equations; linear algebra and vectors; Laplace transform; Fourier analysis; boundary value problems; series solutions to differential equations; partial differential equations; numerical methods.

0101	Thomas Fenstermacher **Meets May 28, 2013 - August 18, 2013** M 5:30pm - 8:55pm	Seats (Total: 30) JMP 2121
ER01	Thomas Fenstermacher **Meets May 28, 2013 - August 18, 2013** Class time/details on ELMs	Seats (Total: 10) ONLINE
HT01	Thomas Fenstermacher **Meets May 28, 2013 - August 18, 2013** M 5:30pm - 8:55pm	Seats (Total: 5) Location: TBA
NE01	Thomas Fenstermacher **Meets May 28, 2013 - August 18, 2013** M 5:30pm - 8:55pm	Seats (Total: 10) Location: TBA
RE01	Thomas Fenstermacher **Meets May 28, 2013 - August 18, 2013** Class time/details on ELMs	Seats (Total: 5) ONLINE

SG01	Thomas Fenstermacher **Meets May 28, 2013 - August 18, 2013** M 5:30pm - 9:00pm	Seats (Total: 2) Location: TBA
SM01	Thomas Fenstermacher **Meets May 28, 2013 - August 18, 2013** M 5:30pm - 9:00pm	Seats (Total: 2) Location: TBA

ENNU648 **Special Problems in Nuclear Engineering**

ENNU648 Special Problems in Nuclear Engineering; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENNU899 **Doctoral Dissertation Research**

ENNU899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F.

0102	Mohamad Al-Sheikhly **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 1)

ENPM Engineering, Professional Masters Summer 2013

ENPM652 **Applied Finite Element Methods**

ENPM652 Applied Finite Element Methods; (3 credits) Grade Method: REG/AUD. *Credit only granted for: ENPM652 or ENPM808F. Formerly: ENPM808F.* For engineering and science students with little or no previous knowledge of the FEM. Study of FEM, using straightforward mathematics. Students should understand basic concepts and equations of elasticity and thermal heat flow, be familiar with simple matrix algebra. Covers stress analysis and thermal analysis problems. ANSYS finite element code will be used for examples and homework solutions. Basic problem solving procedure will be developed for using finite element computer codes.

CP01	Peter Chung **Meets May 28, 2013 - July 19, 2013** TuTh 6:00pm - 8:40pm	Seats (Total: 30) JMP 2121

HT01	Peter Chung **Meets May 28, 2013 - July 19, 2013** TuTh 6:00pm - 8:40pm	Seats (Total: 5) Location: TBA
SG01	Peter Chung **Meets May 28, 2013 - July 19, 2013** TuTh 6:00pm - 8:40pm	Seats (Total: 5) Location: TBA
SM01	Peter Chung **Meets May 28, 2013 - July 19, 2013** TuTh 6:00pm - 8:40pm	Seats (Total: 5) Location: TBA

ENPM654 **Energy Systems Management**

ENPM654 Energy Systems Management; (3 credits) Grade Method: REG/AUD. *Formerly: ENPM808E.* Covers a wide range of energy management and energy efficiency topics including energy auditing, energy efficient lighting systems and motors, demand limiting and control, control strategies for optimization, direct digital control, integrated building automation systems, communication networks, distributed generation, cogeneration, combined heat and power, process energy management and the associated economic analyses. Included will be the latest internet based technologies for accessing real-time energy pricing and managing energy demand remotely for multiple buildings or campuses.

ME01	Stephen Treado **Meets May 28, 2013 - July 19, 2013** Class time/details on ELMs	Seats (Total: 35) ONLINE

ENPM675 **Operating System Design**

ENPM675 Operating System Design; (3 credits) Grade Method: REG/AUD. *Prerequisite: Undergraduate coursework in computer organization and assembly language programming. Credit only granted for: ENPM675 or ENPM808O. Formerly: ENPM808O.* An overview that covers process management (processes and threads, process scheduling, and process synchronization and communication), memory management (main and virtual), storage management (file and I/O), and protection and security.

CP01	Manoj Franklin **Meets May 29, 2013 - July 22, 2013** TuTh 6:00pm - 8:50pm	Seats (Total: 25) JMP 2216
HT01	Manoj Franklin **Meets May 29, 2013 - July 22, 2013** TuTh 6:00pm - 8:50pm	Seats (Total: 5) Location: TBA
SG01	Manoj Franklin **Meets May 29, 2013 - July 22, 2013** TuTh 6:00pm - 8:50pm	Seats (Total: 5) Location: TBA
SM01	Manoj Franklin **Meets May 29, 2013 - July 22, 2013** TuTh 6:00pm - 8:50pm	Seats (Total: 5) Location: TBA

ENPM808 **Advanced Topics in Engineering**

ENPM808 *(PermReq)* **Advanced Topics in Engineering; (1-3 credits)** Grade Method: REG/AUD.

CP01	George Syrmos **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
CP02	George Syrmos **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
EF01	George Syrmos **Meets May 28, 2013 - July 7, 2013** Class time/details on ELMs	Seats (Total: 10) ONLINE

ENPM808D **Advanced Topics in Engineering; Security Tools for Information Security**

ENPM808D Advanced Topics in Engineering: Security Tools for Information Security; (3 credits) Grade Method: REG/AUD.

CP01	Robert Maxwell **Meets May 28, 2013 - July 18, 2013** MW 6:00pm - 8:40pm	Seats (Total: 25) JMP 2216
HT01	Robert Maxwell **Meets May 28, 2013 - July 18, 2013** MW 6:00pm - 8:40pm	Seats (Total: 5) Location: TBA
SG01	Robert Maxwell **Meets May 28, 2013 - July 18, 2013** MW 6:00pm - 8:40pm	Seats (Total: 5) Location: TBA
SM01	Robert Maxwell **Meets May 28, 2013 - July 18, 2013** MW 6:00pm - 8:40pm	Seats (Total: 5) Location: TBA

ENPM808I **Advanced Topics in Engineering; Innovative Reactor Design**

ENPM808I Advanced Topics in Engineering: Innovative Reactor Design; (3 credits) Grade Method: REG/AUD.

NE01	Matthew Forsbacka **Meets May 28, 2013 - August 18, 2013** Class time/details on ELMs	Seats (Total: 25) ONLINE

ENPM808J **Advanced Topics in Engineering; Conventional and Unconventional Oil and Gas Recovery**

ENPM808J Advanced Topics in Engineering: Conventional and Unconventional Oil and Gas Recovery; (3 credits) Grade Method: REG/AUD.

ME01	Ashraf Younes **Meets May 28, 2013 - August 18, 2013** Class time/details on ELMs	Seats (Total: 25) ONLINE

ENPM808L **Advanced Topics in Engineering; Ocean Energy Harvesting**

ENPM808L Advanced Topics in Engineering: Ocean Energy Harvesting; (3 credits) Grade Method: REG/AUD.

ME01	Robert Latorre **Meets May 28, 2013 - July 18, 2013** Class time/details on ELMs	Seats (Total: 25) ONLINE

ENPM808Z **Advanced Topics in Engineering; Satellite Communications**

ENPM808Z Advanced Topics in Engineering: Satellite Communications; (3 credits) Grade Method: REG/AUD.

CP01	Tahereh Fazel **Meets May 29, 2013 - July 22, 2013** TuTh 6:00pm - 8:50pm	Seats (Total: 25) JMP 2217
HT01	Tahereh Fazel **Meets May 29, 2013 - July 22, 2013** TuTh 6:00pm - 8:50pm	Seats (Total: 5) Location: TBA
SG01	Tahereh Fazel **Meets May 29, 2013 - July 22, 2013** TuTh 6:00pm - 8:50pm	Seats (Total: 5) Location: TBA
SM01	Tahereh Fazel **Meets May 29, 2013 - July 22, 2013** TuTh 6:00pm - 8:50pm	Seats (Total: 5) Location: TBA

ENRE Reliability Engineering Summer 2013

ENRE620 **Mathematical Techniques of Reliability Engineering**

ENRE620 Mathematical Techniques of Reliability Engineering; (3 credits) Grade Method: REG/AUD.

Also offered as: ENNU620. Basic probability and statistics (required for ENRE 600 and ENRE 602). Application of selected mathematical techniques to the analysis and solution of reliability engineering problems. Applications of matrices, vectors, tensors, differential equations, integral transforms, and probability methods to a wide range of reliability related problems.

0101	Thomas Fenstermacher **Meets May 28, 2013 - August 18, 2013** M 5:30pm - 8:55pm	Seats (Total: 30) JMP 2121

ER01	Thomas Fenstermacher **Meets May 28, 2013 - August 18, 2013** Class time/details on ELMs	Seats (Total: 10) ONLINE
HT01	Thomas Fenstermacher **Meets May 28, 2013 - August 18, 2013** M 5:30pm - 8:55pm	Seats (Total: 5) Location: TBA
NE01	Thomas Fenstermacher **Meets May 28, 2013 - August 18, 2013** M 5:30pm - 8:55pm	Seats (Total: 10) Location: TBA
RE01	Thomas Fenstermacher **Meets May 28, 2013 - August 18, 2013** Class time/details on ELMs	Seats (Total: 5) ONLINE
SG01	Thomas Fenstermacher **Meets May 28, 2013 - August 18, 2013** M 5:30pm - 9:00pm	Seats (Total: 2) Location: TBA
SM01	Thomas Fenstermacher **Meets May 28, 2013 - August 18, 2013** M 5:30pm - 9:00pm	Seats (Total: 2) Location: TBA

ENRE642 **Reliability Engineering Management**

ENRE642 *(PermReq)* **Reliability Engineering Management; (3 credits)** Grade Method: REG/AUD.
Unifying systems perspective of reliability engineering management. Design, development and management of organizations and reliability programs including: management of systems evaluation and test protocols, development of risk management-mitigation processes, and management of functional tasks performed by reliability engineers.

0101	Frederick Schenkelberg **Meets May 28, 2013 - June 7, 2013** MTuWThF 9:00am - 4:00pm	Seats (Total: 10) JMP 2120

ER01	Frederick Schenkelberg **Meets May 28, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
RE01	Frederick Schenkelberg **Meets May 28, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 5)
SM01	Frederick Schenkelberg **Meets May 28, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 5)

ENRE648 **Special Problems in Reliability Engineering**

ENRE648 *(PermReq)* **Special Problems in Reliability Engineering; (3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENRE799 **Master's Thesis Research**

ENRE799 Master's Thesis Research; (1-6 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENRE898 **Pre-Candidacy Research**

ENRE898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENRE899 **Doctoral Dissertation Research**

ENRE899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENSP Environmental Science and Policy Summer 2013

ENSP386 **Internship**

ENSP386 Internship; (3-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.
Restriction: Must have internship proposal approved by the concentration advisor, the director of ENSP and the student's internship sponsor.

Contact department for information to register for this course.

ENSP399 **Special Topics in Environmental Science and Policy**

ENSP399 Special Topics in Environmental Science and Policy; (1-3 credits) Grade Method: REG/P-F/AUD.

0131	Jennifer Murrow **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 5)
0231	Jennifer Murrow **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 5)

ENTS Telecommunications Summer 2013

ENTS654 **Optimization and Analysis of GSM Networks**

ENTS654 Optimization and Analysis of GSM Networks; (3 credits) Grade Method: REG/AUD.
Prerequisite: ENTS656 or ENTS653; and permission of ENGR-Electrical & Computer Engineering department. Restriction: Must be in Telecommunications (Master's) program. Credit only granted for: ENTS654 or ENTS689B. The techniques needed to successfully optimize a functioning GSM networkwill be examined. Students will conduct extensive drive tests of a working network in the Washington DC area using state-of-the-art drive test equipment and will analyze the recorded data with post-processing analysis tools. Also, they will learn to recognize problems based on network behaviors and what courses of action are available to correct them. Lab work and data collection will constitute a majority of the class work.

0101	Michael Dellomo	Seats (Total: 12)	
	Meets May 28, 2013 - July 7, 2013		
	TuTh 5:30pm - 8:15pm	AVW 1458	
	W 3:00pm - 8:00pm	AVW 1458	Lab

ENTS699 **Independent Study in Telecommunications**

ENTS699 *(PermReq)* **Independent Study in Telecommunications; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

ENTS699R **Independent Study in Telecommunications; Analytical Foundations of Telecommunications**

ENTS699R Independent Study in Telecommunications: Analytical Foundations of Telecommunications; (1 credit) Grade Method: REG/AUD.
Click here for more course information.

0201	Alejandra Mercado	Seats (Total: 20)	
	Meets July 8, 2013 - August 18, 2013		
	F 5:30pm - 7:35pm	AVW 1458	

EPIB Epidemiology and Biostatistics Summer 2013

EPIB610 **Foundations of Epidemiology**

EPIB610 *(PermReq)* **Foundations of Epidemiology; (3 credits)** Grade Method: REG/AUD.
Credit only granted for: EPIB610 or HLTH720. Formerly: HLTH720. Introduction to the discipline of epidemiology and its applications to health issues and practices. Basic epidemiologic concepts and methods will be covered.

0101	Olivia Carter-Pokras	Seats (Total: 25)	
	Meets May 28, 2013 - July 7, 2013		
	TuTh 4:00pm - 7:10pm	SPH 0303	

EPIB650 **Biostatistics I**

EPIB650 *(PermReq)* **Biostatistics I; (3 credits)** Grade Method: REG/AUD.
Credit only granted for: EPIB650, HLTH651, or HLTH688B. Formerly: HLTH651 and HLTH688B. Basic statistical concepts and procedures for Public Health. Focuses on applications, hands-on-experience, and interpretations of statistical findings.

0101	Xin He	Seats (Total: 20)
	Meets May 28, 2013 - July 7, 2013	
	MW 4:00pm - 7:30pm	SPH 0307

EPIB698E **Special Topics in Epidemiology and Biostatistics; SAS Programming**

EPIB698E Special Topics in Epidemiology and Biostatistics: SAS Programming; (3 credits) Grade Method: REG/AUD.
The course is designed for students who want to learn how to analyze and summarize data using SAS. The course begins by introducing the students to basic SAS programming and data manipulation techniques. More advanced themes, such as preliminary data analysis and graphs, are explored later in the semester. Finally, the class covers the implementation of several advanced statistical concepts in SAS, including T-tests, ANOVA, non-parametric tests, regression and normality tests.

0201	Raul Cruz-Cano	Seats (Total: 15)
	Meets July 8, 2013 - August 18, 2013	
	TuTh 4:00pm - 7:20pm	SPH 0301

EPIB785 **Internship in Public Health**

EPIB785 *(PermReq)* **Internship in Public Health; (3 credits)** Grade Method: REG/AUD.
Prerequisite: Permission of SPHL-Epidemiology & Biostatistics department. Internship and seminar providing an opportunity to apply previously acquired knowledge and skills in a health or allied health organization. Setting of the internship will depend upon the student's background and career goals.

I109	Brit Saksvig	Seats (Total: 5)
	Meets May 28, 2013 - July 7, 2013	
	Contact instructor or department for details.	
I209	Brit Saksvig	Seats (Total: 5)
	Meets July 8, 2013 - August 18, 2013	
	Contact instructor or department for details.	

EPIB786 **Capstone Project in Public Health**

EPIB786 *(PermReq)* **Capstone Project in Public Health; (3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: Permission of SPHL-Epidemiology & Biostatistics department. Capstone experience providing opportunity to apply knowledge and skills to a specific public health problem or issue. Completion of project relevant to public health under the direction of an advisor.

Contact department for information to register for this course.

EPIB798 **Independent Study**

EPIB798 *(PermReq)* **Independent Study; (1-6 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EPIB799 **Master's Thesis Research**

EPIB799 *(PermReq)* **Master's Thesis Research; (1-6 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EPIB898 **Pre-Candidacy Research**

EPIB898 *(PermReq)* **Pre-Candidacy Research; (1-3 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EPIB899 **Doctoral Dissertation Research**

EPIB899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

EXST Office of Extended Studies Summer 2013

EXST001 **Residential Package**
Contact department for information to register for this course.

EXST002 **Commuter Package**
Contact department for information to register for this course.

EXST010 **Hear Me Out! An Introduction to Public Speaking and Debate**

EXST010 *(PermReq)* **Hear Me Out! An Introduction to Public Speaking and Debate; (No CEU'S)** Grade Method: NGI.

YD41	Sean Luechtefeld	Seats (Total: 20)
	Meets July 15, 2013 - July 26, 2013	
	MTuWThF 9:00am - 12:30pm	EDU 2102

EXST011 **Designing Your Own Business**

EXST011 *(PermReq)* **Designing Your Own Business; (No CEU'S)** Grade Method: NGI.

YD41	Akbar Dawood	Seats (Total: 20)
	Meets July 15, 2013 - July 26, 2013	
	MTuWThF 9:00am - 12:30pm	TWS 0207

EXST012 **Learning About the United Nations**

EXST012 *(PermReq)* **Learning About the United Nations; (No CEU'S)** Grade Method: NGI.

YD41	Carmen Deanna	Seats (Total: 20)
	Meets July 15, 2013 - July 26, 2013	
	MTuWThF 9:00am - 12:30pm	EDU 3233

EXST014 **Exploring Architecture**

EXST014 *(PermReq)* **Exploring Architecture; (No credit)** Grade Method: NGI.

YD41	Jason Winters	Seats (Total: 20)
	Meets July 15, 2013 - July 26, 2013	
	MTuWThF 9:00am - 12:30pm	ARC 1123
	This is part of the Young Scholars Discovery program.	

EXST015 **Latin Word Roots**

EXST015 *(PermReq)* **Latin Word Roots; (No CEU'S)** Grade Method: NGI.

YD41	Elyse Fiorito	Seats (Total: 20)
	Meets July 15, 2013 - July 26, 2013	
	MTuWThF 9:00am - 12:30pm	TWS 0236
	This is part of the Young Scholars Discovery Program.	

EXST016 **Science Detectives: An Introduction to Forensic Science**

EXST016 *(PermReq)* **Science Detectives: An Introduction to Forensic Science; (No credit)** Grade Method: NGI.

YD41	Alan Leslie	Seats (Total: 20)
	Meets July 15, 2013 - July 26, 2013	
	MTuWThF 9:00am - 12:30pm	HJP 1229
	This is part of the Young Scholars Discovery program.	

EXST075 **Special Topic Seminar and Workshop**
Contact department for information to register for this course.

EXST076 **Introduction to the Program**
Contact department for information to register for this course.

FILM Film Studies Summer 2013

FILM245 **Film Form and Culture**

FILM245 Film Form and Culture; (3 credits) Grade Method: REG/P-F/AUD. CORE History or Theory of Arts (HA) Course. GenEd: Distributive Studies - Humanities.
Restriction: Must not have completed ENGL245. Also offered as: ENGL245. Credit only granted for: CMLT214, CMLT245, ENGL245, or FILM245. Formerly: CMLT214. Introduction to film as art form and how films create meaning. Basic film terminology; fundamental principles of film form, film narrative, and film history. Examination of film technique and style over past one hundred years. Social and economic functions of film within broader institutional, economic, and cultural contexts.

0601	Kelly Singleton **Meets July 29, 2013 - August 16, 2013** MTuWTh 9:00am - 12:20pm	Seats (Total: 5) TWS 0205
FF61	Kelly Singleton **Meets July 29, 2013 - August 16, 2013** MTuWTh 9:00am - 12:20pm	Seats (Total: 10) TWS 0205
WB11	Oliver Gaycken **Meets May 28, 2013 - July 7, 2013** Class time/details on ELMs	Seats (Total: 25) ONLINE
WB21	Paul Cote **Meets July 8, 2013 - August 18, 2013** Class time/details on ELMs	Seats (Total: 25) ONLINE

FMSC Family Science Summer 2013

FMSC260 Couple Relationships

FMSC260 Couple Relationships; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - History and Social Sciences.
Credit only granted for: FMSC260 or FMST260. Formerly: FMST260. Couple relationships and their alternatives in contemporary dating, courtship and marriage.

WB21	Elise Resnick **Meets July 8, 2013 - August 18, 2013** Class time/details on ELMs	Seats (Total: 40) ONLINE

FMSC289G Global Child and Family Health: Getting There Via E-Communications

FMSC289G Global Child and Family Health: Getting There Via E-Communications; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. GenEd: Distributive Studies - History and Social Sciences; Signature Courses - I-Series.
Students will learn about global maternal, child and family health issues and how these issues may affect their lives. Interdisciplinary teams of students will collaborate to develop programs aimed at improving global family health through the use of information and communications technologies.

WB41	Jacqueline Wallen	Seats (Total: 40)
	Meets July 8, 2013 - July 26, 2013	
	Class time/details on ELMs	ONLINE

FMSC330 **Family Theories and Patterns**

FMSC330 Family Theories and Patterns; (3 credits) Grade Method: REG/AUD. GenEd: Distributive Studies - History and Social Sciences; Diversity - Understanding Plural Societies.
Restriction: Junior standing or higher. Credit only granted for: FMSC330 or FMST330. Formerly: FMST330. Theory and research on the family, including a cross-cultural analysis of family patterns.

0301	Robyn Zeiger	Seats (Total: 50)
	Meets May 28, 2013 - June 14, 2013	
	MTuWTh 9:30am - 12:55pm	SPH 1302

FMSC332 **Children in Families**

FMSC332 Children in Families; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - History and Social Sciences.
Prerequisite: PSYC100 or FMSC105. Credit only granted for: FMSC332 or FMST332. Formerly: FMST332. A family life education approach to the study of children and families. Emphasis on the interaction of children with parents, siblings, extended kin, and the community.

WB11	Tiffani Stevenson Lloyd	Seats (Total: 40)
	Meets May 28, 2013 - July 7, 2013	
	Class time/details on ELMs	ONLINE

WB21	Lauren Messina	Seats (Total: 40)
	Meets July 8, 2013 - August 18, 2013	
	Class time/details on ELMs	ONLINE

FMSC341 **Personal and Family Finance**

FMSC341 Personal and Family Finance; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - Scholarship in Practice.
Credit only granted for: FMSC341 or FMST341. Formerly: FMST341. Individual and family financial strategies with emphasis on financial planning, savings, investments, insurance, income taxes, housing, and use of credit. Planning, analyzing, and controlling financial resources to resolve personal/family financial problems and to attain financial security.

WB11	William Knight	Seats (Total: 25)
	Meets May 28, 2013 - July 7, 2013	
	Class time/details on ELMs	ONLINE
WB22	William Knight	Seats (Total: 33)
	Meets July 8, 2013 - August 18, 2013	
	Class time/details on ELMs	ONLINE

FMSC381 **Poverty, Affluence, and Families**

FMSC381 Poverty, Affluence, and Families; (3 credits) Grade Method: REG/P-F/AUD. CORE Diversity (D) Course. GenEd: Distributive Studies - History and Social Sciences; Diversity - Understanding Plural Societies.
Prerequisite: SOCY100 or SOCY105. Restriction: Must be in a major within SPHL-Family Science department. Credit only granted for: FMSC381 or FMST381. Formerly: FMST381. Social, political, cultural and economic factors influencing income and wealth in American families.

WB21	Kevin Roy	Seats (Total: 40)
	Meets July 8, 2013 - August 18, 2013	
	Class time/details on ELMs	ONLINE

FMSC383 **Delivery of Human Services to Families**

FMSC383 Delivery of Human Services to Families; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: FMSC330. Restriction: Must be in a major within SPHL-Family Science department. Credit only granted for: FMSC383 or FMST383. Formerly: FMST383.
Processes of service delivery with special emphasis upon relationships among managers, service providers and clients. The impact of human service systems on families.

0201	Marian Jones	Seats (Total: 35)
	Meets July 8, 2013 - August 18, 2013	
	MW 9:30am - 12:50pm	SPH 0302

FMSC386 **Experiential Learning**

FMSC386 *(PermReq)* **Experiential Learning; (3-6 credits)** Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: Permission of SPHL-Family Science department. Restriction: Junior standing or higher. Credit only granted for: FMSC386 or FMST386. Formerly: FMST386.

Contact department for information to register for this course.

FMSC399 **Independent Study**

FMSC399 *(PermReq)* **Independent Study; (1-6 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Individualized family and community studies projects of interest to student and faculty.

Contact department for information to register for this course.

FMSC445 **Sexuality: Issues in Family Therapy and Service Delivery**

FMSC445 Sexuality: Issues in Family Therapy and Service Delivery; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: A basic course in human sexuality; and permission of instructor. Also offered as: FMSC645. Credit only granted for: FMSC445 or FMSC498T. Formerly: FMSC498T. Typical, dysfunctional, and pathological sexual functioning, including effects on individuals, couples, and family systems. Sensitizes students to sexual issues, explores how perceptions of such issues affect work with people, and emphasizes implications for marriage and family therapy.

0101	Norman Epstein **Meets May 28, 2013 - July 7, 2013** TuTh 9:30am - 12:50pm	Seats (Total: 20) Location: TBA

FMSC460 **Violence in Families**

FMSC460 Violence in Families; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - History and Social Sciences; Diversity - Understanding Plural Societies.
Prerequisite: SOCY100, SOCY105, or PSYC100. Credit only granted for: FMSC460 or FMST460. Formerly: FMST460. Theories of child, spouse, and elder abuse in the family setting. Emphasis on historical, psychological, sociological and legal trends relating to physical, emotional, and sexual abuse. Introduction to methods for prevention and remediation.

WB31	Christine Schull **Meets May 28, 2013 - June 14, 2013** Class time/details on ELMs	Seats (Total: 45) ONLINE
WB51	Christine Schull **Meets June 17, 2013 - July 5, 2013** Class time/details on ELMs *Students who wish to register for this section after June 4, 2012, please e-mail summer@umd.edu .*	Seats (Total: 45) ONLINE

FMSC477 **Internship and Analysis in Family Science**

FMSC477 *(PermReq)* **Internship and Analysis in Family Science; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: FMSC383; and 9 credits in FMSC courses; and permission of SPHL-Family Science department. Restriction: Must be in a major within SPHL-Family Science department. Credit only granted for: FMSC477, FMST347, or FMST477. Formerly: FMST477. A supervised internship and a seminar requiring analysis. Opportunities to integrate theory and practice including 120 hours of contracted field experience. Summer or fall internship contracts due May 1; Spring contracts due December 1. See department for application procedures. A planned, supervised internship complemented by analysis. Opportunities to integrate theory and practice. Field experience requires minimum of 120 hours per semester.

0101	Nicole Finkbeiner	Seats (Total: 45)
	Meets May 28, 2013 - August 16, 2013	
	W 9:30am - 11:00am Contact instructor or department for details.	SPH 0308

FMSC485 **Introduction to Family Therapy**

FMSC485 Introduction to Family Therapy; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: FMSC330; or 1 course from PSYC300-499 course range. Credit only granted for: FMSC485 or FMST485. Formerly: FMST485. The fundamental theoretical concepts and clinical procedures of marital and family therapy including premarital and divorce therapy issues.

WB11	Lindsey Hoskins	Seats (Total: 25)
	Meets May 28, 2013 - July 7, 2013	
	Class time/details on ELMs	ONLINE

FMSC487 **Legal Aspects of Family Problems**

FMSC487 Legal Aspects of Family Problems; (3 credits) Grade Method: REG/P-F/AUD.
Credit only granted for: FMSC487 or FMST487. Formerly: FMST487. Laws and legal procedures, with emphasis on adoption, marriage, divorce, annulment, and property rights, and how they affect family life.

WB31	Kerry Tripp **Meets May 28, 2013 - June 14, 2013** Class time/details on ELMs	Seats (Total: 40) ONLINE
WB51	Kerry Tripp **Meets June 17, 2013 - July 5, 2013** Class time/details on ELMs	Seats (Total: 40) ONLINE

FMSC498 **Special Topics: Family Science**

FMSC498 *(PermReq)* **Special Topics: Family Science; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Individual family studies instruction course on topics of interest to student and faculty.

Contact department for information to register for this course.

FMSC498B **Special Topics: Family Science; Death and Loss in Family Life**

FMSC498B Special Topics: Family Science: Death and Loss in Family Life; (3 credits) Grade Method: REG/P-F/AUD.
Examination of how families experience grief and loss resulting from the death of a family member, including health and financial consequences. Overview of historical, social, psychological, cultural, medical, and legal dimensions of death in families from diverse backgrounds. Exploration of how the health care system and funeral home industry assist families in managing death and loss.

WB51	Kevin Roy, Jinhee Kim **Meets June 17, 2013 - July 5, 2013** Class time/details on ELMs *Students who wish to register for this section after June 4, 2012, please e-mail summer@umd.edu .*	Seats (Total: 40) ONLINE

FMSC498D **Special Topics: Family Science; Credit Cards and College Students**

FMSC498D Special Topics: Family Science: Credit Cards and College Students; (1 credit) Grade Method: REG/P-F/AUD.

WB11	Jinhee Kim	Seats (Total: 40)
	Meets May 28, 2013 - July 7, 2013	
	Class time/details on ELMs	ONLINE

FMSC498F **Special Topics: Family Science; African American Families**

FMSC498F Special Topics: Family Science: African American Families; (3 credits) Grade Method: REG/P-F/AUD.
Focuses on the history, structure, and diversity of African American family life. Includes the following topics: (1) the major theoretical perspectives used in the study of American families; (2) impact of social policy on African American families; and (3) specific areas of family life (e.g., marriage and divorce, parenting, child development, health disparities).

WB31	Mia Smith-Bynum	Seats (Total: 35)
	Meets May 28, 2013 - June 14, 2013	
	Class time/details on ELMs	ONLINE

FMSC498I **Special Topics: Family Science; Cross-Cultural Perspectives on Health in India**
Contact department for information to register for this course.

FMSC498N **Special Topics: Family Science; Iceland: Nordic Child & Family Health**
Contact department for information to register for this course.

FMSC498W **Special Topics: Family Science; War and Families**

FMSC498W Special Topics: Family Science: War and Families; (3 credits) Grade Method: REG/P-F/AUD.
Overview of issues impacting contemporary military families including during times of war. Identification of challenges faced by military families related to deployment/reunion and mental and physical health, as well as support systems available. Examination of skills and strategies for working with service members, veterans, and military families.

WB41	Patricia Fanflik	Seats (Total: 45)
	Meets July 8, 2013 - July 26, 2013	
	Class time/details on ELMs	ONLINE

FMSC640 **Family Therapy: Theory and Techniques**

FMSC640 *(PermReq)* **Family Therapy: Theory and Techniques; (3 credits)** Grade Method: REG/AUD.
Credit only granted for: FMSC640 or FMST640. Formerly: FMST640. Overview of fundamental theoretical concepts and clinical procedures in marital and family therapy, with an emphasis on those therapies which operate from a family systems perspective.

WB11	Lindsey Hoskins	Seats (Total: 25)
	Meets May 28, 2013 - July 7, 2013	
	Class time/details on ELMs	ONLINE

FMSC645 **Sexuality: Issues in Family Therapy and Service Delivery**

FMSC645 Sexuality: Issues in Family Therapy and Service Delivery; (3 credits) Grade Method: REG/AUD.
Prerequisite: Must have completed a basic course in human sexuality. Restriction: Permission of instructor. Credit only granted for: FMSC645 or FMST645. Formerly: FMST645. Typical, dysfunctional, and pathological sexual functioning: effects on individuals, couples, and family systems. Sensitizes students to sexual issues, explores how perceptions or such issues affect work with people, and emphasizes implications for marriage and family therapy.

0101	Norman Epstein	Seats (Total: 20)
	Meets May 28, 2013 - July 7, 2013	
	TuTh 9:30am - 12:50pm	Location: TBA

FMSC654 **Clinical Marriage and Family Therapy Practice**

FMSC654 Clinical Marriage and Family Therapy Practice; (3 credits) Grade Method: REG/AUD.
Prerequisite: FMSC651. Restriction: Must be in Couple and Family Therapy (Master's) program. Credit only granted for: FMSC654 or FMST654. Formerly: FMST654. Application of theory and technique to the clinical practice of marriage and family therapy. Emphasis on case management and clinic administration. Includes completion of 12 successive months and 500 hours of supervised, direct client contact with couples, families, and individuals from an integrative family systems perspective.

0101	Carol Werlinich **Meets May 28, 2013 - July 7, 2013** M 8:00am - 4:30pm	Seats (Total: 15) Location: TBA

FMSC658 **Supervised Clinical Practice of Marriage and Family Therapy**

FMSC658 Supervised Clinical Practice of Marriage and Family Therapy; (1-2 credits) Grade Method: REG/AUD.

0101	Carol Werlinich **Meets May 28, 2013 - July 7, 2013** W 9:00am - 12:00pm Contact instructor or department for details.	Seats (Total: 15) Location: TBA
0201	Carol Werlinich **Meets July 8, 2013 - August 18, 2013** W 9:00am - 12:00pm Contact instructor or department for details.	Seats (Total: 15) Location: TBA

FMSC689 **Research Internship**

FMSC689 *(PermReq)* **Research Internship; (3-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.
Internship related to student's chosen specialization.

Contact department for information to register for this course.

FMSC698 **Advanced Topics in Family Science**

FMSC698 *(PermReq)* **Advanced Topics in Family Science; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

FMSC698N **Advanced Topics in Family Science; Iceland: Nordic Child & Family Health**
Contact department for information to register for this course.

FMSC698V **Advanced Topics in Family Science; Violence in Families**

FMSC698V Advanced Topics in Family Science: Violence in Families; (3 credits)
Grade Method: REG/AUD.

WB31	Christine Schull **Meets May 28, 2013 - June 14, 2013** Class time/details on ELMs	Seats (Total: 45) ONLINE
WB51	Christine Schull **Meets June 17, 2013 - July 5, 2013** Class time/details on ELMs *Students who wish to register for this section after June 4, 2012, please e-mail summer@umd.edu .*	Seats (Total: 45) ONLINE

FMSC698X **Advanced Topics in Family Science; Models of Couple and Family Therapy: Cross-Cultural Applications in China and the United States**

Contact department for information to register for this course.

FMSC699 **Independent Study**

FMSC699 Independent Study; (1-6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

FMSC789 **Non-Thesis Research**

FMSC789 *(PermReq)* **Non-Thesis Research; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

FMSC799 **Master's Thesis Research**

FMSC799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

FMSC899 **Doctoral Dissertation Research**

FMSC899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

FREN French Summer 2013

FREN103 **Intensive Elementary French**

FREN103 Intensive Elementary French; (4 credits) Grade Method: REG/P-F/AUD. *Prerequisite: Must have appropriate Foreign Language Placement Test (FLPT) score. Restriction: Must not have completed FREN102; and must not be a native/fluent speaker of French. Credit only granted for: FREN102 or FREN103.* Covers speaking, reading, writing, listening, and culture of French-speaking world.

0101	Shannon Mauro	Seats (Total: 25)
	Meets May 28, 2013 - July 7, 2013	
	TuWTh 6:00pm - 9:00pm	PLS 1113
WB11	Mary Scullen	Seats (Total: 25)
	Meets May 28, 2013 - July 5, 2013	
	Class time/details on ELMs	ONLINE
	This online section will be partially synchronous. Meeting times will be discussed the first day of class.	

FREN203 **Intensive Intermediate French**

FREN203 Intensive Intermediate French; (4 credits) Grade Method: REG/P-F/AUD. CORE Humanities (HO) Course.
Prerequisite: FREN103; or must have appropriate Foreign Language Placement Test (FLPT) score. Restriction: Must not be a native/fluent speaker of French. Credit only granted for: FREN201 or FREN203. Covers speaking, reading, writing, listening, and culture of French-speaking world.

0201	Hannah Wegmann	Seats (Total: 25)
	Meets July 8, 2013 - August 18, 2013	
	TuWTh 6:00pm - 9:00pm	JMZ 3120

FREN204 **French Grammar and Composition**

FREN204 French Grammar and Composition; (3 credits) Grade Method: REG/P-F/AUD. CORE Humanities (HO) Course.
Prerequisite: FREN201 or FREN203; or must have appropriate Foreign Language Placement Test (FLPT) score. Restriction: Not open to native/fluent speakers of French. Intensive study of French grammar and composition.

0201	Kristen Gunderson	Seats (Total: 25)
	Meets July 8, 2013 - August 18, 2013	
	TuTh 6:00pm - 9:20pm	JMZ 2117

FREN211 **French Reading and Conversation**
Contact department for information to register for this course.

FREN269A **Special Topics in Study Abroad II; French Songs**
Contact department for information to register for this course.

FREN269F **Special Topics in Study Abroad II; French Conversation I**
Contact department for information to register for this course.

FREN269G **Special Topics in Study Abroad II; French Conversation**
Contact department for information to register for this course.

FREN301 **Composition and Style**

FREN301 Composition and Style; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: FREN250; or students who have taken courses with comparable content may contact the department. Restriction: Must not be a native/fluent speaker of French. Grammatical analysis, elements of style; range of written genres.

WB10	Karen Casebier	Seats (Total: 25)
	Meets May 28, 2013 - July 7, 2013	
	Class time/details on ELMs	ONLINE

FREN306 **Commercial French I**

FREN306 Commercial French I; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: FREN301; or students who have taken courses with comparable content may contact the department.* Introduction to commercial French including correspondence and business terminology. Emphasis on cross-cultural concepts needed for successful interaction within business settings. Taught in French.

WB21	Virginie Cassidy	Seats (Total: 25)
	Meets July 8, 2013 - August 16, 2013	
	Class time/details on ELMs	ONLINE
	This online section will be partially synchronous. Meeting times will be discussed the first day of class.	

FREN311 **Advanced Oral Expression**
Contact department for information to register for this course.

FREN312 **France Today**
Contact department for information to register for this course.

FREN369F **Special Topics in Study Abroad III; Third-Year French I**
Contact department for information to register for this course.

FREN369G **Special Topics in Study Abroad III; Third-Year French II**
Contact department for information to register for this course.

FREN369I **Special Topics in Study Abroad III; Third-Year French I**
Contact department for information to register for this course.

FREN369Y **Special Topics in Study Abroad III; Fourth-Year French I**
Contact department for information to register for this course.

FREN399X **Directed Study in French; France: Maryland in Montpellier: French Language and Culture on the Mediterranean**
Contact department for information to register for this course.

FREN401 **Writing with Style**
Contact department for information to register for this course.

FREN899 **Doctoral Dissertation Research**

FREN899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

GEOG Geographical Sciences Summer 2013

GEOG110 **The World Today: Global Perspectives**

GEOG110 The World Today: Global Perspectives; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - History and Social Sciences; Diversity - Understanding Plural Societies.
The most critical issue facing the world today is the sustainability of both human and physical systems in the 21st century. This class uses the context of regions of the world to explore the 21st century issues of climate change, development, politics, economy, and demography. Each region will be used to highlight aspects of sustainability.

WB11	Rachel Berndtson **Meets May 28, 2013 - July 7, 2013** Class time/details on ELMs	Seats (Total: 20) ONLINE
WB21	Michael Strong **Meets July 8, 2013 - August 18, 2013** Class time/details on ELMs	Seats (Total: 20) ONLINE

GEOG130 **Developing Countries**

GEOG130 Developing Countries; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. CORE Diversity (D) Course. GenEd: Distributive Studies - History and Social Sciences.
An introduction to the geographic characteristics of the development problems and prospects of developing countries. Spatial distribution of poverty, employment, migration and urban growth, agricultural productivity, rural development, policies and international trade. Portraits of selected developing countries.

0201	Ronald Luna **Meets July 8, 2013 - August 18, 2013** TuTh 9:00am - 12:30pm	Seats (Total: 17) LEF 1124

XA21	Ronald Luna	Seats (Total: 0)
	Meets July 8, 2013 - August 18, 2013	
	TuTh 9:00am - 12:30pm	LEF 1124

GEOG140 **Natural Disasters: Earthquakes, Floods, and Fires**

GEOG140 Natural Disasters: Earthquakes, Floods, and Fires; (3 credits) Grade Method: REG/P-F/AUD. CORE Physical Science (PS) Course. GenEd: Distributive Studies - Natural Sciences; Signature Courses - I-Series.
Catastrophic Environmental Events (CCE) that are becoming more common in this time of global environmental change and it is essential that today's students be equipped with the knowledge and skills to be leaders as we, as a society, understand the upheaval that these CCEs are causing. Students will examine how CEEs shape human society and ecosystem from the interdisciplinary perspective afforded by the field of Geography. Students will use the latest geographic science concepts and techniques in exploring these events. Using satellite imagery they will gain a multi-scale perspective of the ecological and societal aspects of the events.

0101	Jennifer Hinojosa	Seats (Total: 30)
	Meets May 28, 2013 - July 7, 2013	
	TuTh 9:00am - 12:30pm	LEF 1220

GEOG158G **Special Topics in Study Abroad I; The Geography of Grenada**
Contact department for information to register for this course.

GEOG201 **Geography of Environmental Systems**

GEOG201 Geography of Environmental Systems; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - Natural Science Lab(if taken with GEOG211).
A systematic introduction to the processes and associated forms of the atmosphere and earth's surfaces emphasizing the interaction between climatology, hydrology and geomorphology.

0101	Keith Yearwood	Seats (Total: 25)
	Meets May 28, 2013 - July 7, 2013	
	TuTh 1:00pm - 4:30pm	LEF 1124

GEOG202 **Introduction to Human Geography**

GEOG202 Introduction to Human Geography; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. GenEd: Distributive Studies - History and Social Sciences; Diversity - Cultural Competency.
Introduction to what geographers do and how they do it. Systematic study of issues regarding social and cultural systems from a global to a local scale. Looks at the distribution of these variables and answers the question "Why here, and not there"?

WB11	Vanessa Kirn	Seats (Total: 40)	
	Meets May 28, 2013 - July 5, 2013		
	Class time/details on ELMs	ONLINE	
WB21	Talya Gulman	Seats (Total: 40)	
	Meets July 8, 2013 - August 18, 2013		
	Class time/details on ELMs	ONLINE	

GEOG211 **Geography of Environmental Systems Laboratory**

GEOG211 Geography of Environmental Systems Laboratory; (1 credit) Grade Method: REG/P-F/AUD.
Prerequisite: Must have completed or be concurrently enrolled in GEOL120, GEOL100, or GEOG201. A laboratory course to accompany GEOG 201. Analysis of the components of the earth's energy balance using basic instrumentation; weather map interpretation; soil analysis; the application of map and air photo interpretation techniques to landform analysis. There is a $40 lab fee associated with this course.

0101	Ahmad Khan	Seats (Total: 25)		
	Meets May 28, 2013 - July 7, 2013			
	MW 1:00pm - 2:30pm	LEF 1138	Lab	

GEOG306 **Introduction to Quantitative Methods for the Geographic Environmental Sciences**

GEOG306 Introduction to Quantitative Methods for the Geographic Environmental Sciences; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Fundamental Studies - Analytic Reasoning.
Credit only granted for: BIOM301, BMGT230, CCJS200, ECON321, EDMS451, GEOG306, GVPT422, PSYC200, or SOCY201. Essentials in the quantitative analysis of spatial and other data, with a particular emphasis on statistics and programming. Topics include data display, data description and summary, statistical inference and significance tests, analysis of variance, correlation, regression, and some advanced concepts, such as matrix methods, principal component analysis, and spatial statistics. Students will develop expertise in data analysis using advanced statistical software. This course has a $40 lab fee.

WB11	Anupam Anand	Seats (Total: 40)
	Meets May 28, 2013 - July 5, 2013	
	MW 6:00pm - 9:45pm	ONLINE

GEOG310 **Maryland and Adjacent Areas**

GEOG310 Maryland and Adjacent Areas; (3 credits) Grade Method: REG/P-F/AUD.
Credit only granted for: GEOG310 or GEOG321. Formerly: GEOG321. The physical environment, natural resources, and population in relation to agriculture, industry, transport, and trade in the State of Maryland and adjacent areas.

0201	Allen Eney	Seats (Total: 40)
	Meets July 8, 2013 - August 18, 2013	
	MW 1:00pm - 4:30pm	LEF 2166

GEOG312 **The United States and Canada**

GEOG312 The United States and Canada; (3 credits) Grade Method: REG/P-F/AUD.
Credit only granted for: GEOG312 or GEOG320. Formerly: GEOG320. The two countries as functioning geographic systems with important differences and key linkages. An examination of the cultural, environmental, and economic components and their spatial variation. Attention to the role of regions in national economies.

0201	Allen Eney	Seats (Total: 40)
	Meets July 8, 2013 - August 18, 2013	
	MW 9:00am - 12:30pm	LEF 2166

GEOG313 **Latin America**

GEOG313 Latin America; (3 credits) Grade Method: REG/P-F/AUD. CORE Diversity (D) Course. GenEd: Distributive Studies - History and Social Sciences.
Credit only granted for: GEOG313 or GEOG323. Formerly: GEOG323. A geography of Latin America and the Caribbean in the contemporary world: political and cultural regions, population and resource distribution, historical development, current levels of economic and social well-being, urbanization, development policies, migration trends, physical features and climates.

0301	Ronald Luna	Seats (Total: 20)
	Meets May 28, 2013 - June 14, 2013	
	MTuWTh 9:00am - 12:30pm	LEF 1124

GEOG328P **Topics in Regional Geography; The Geography of Puerto Rico**
Contact department for information to register for this course.

GEOG358A **Special Topics in Study Abroad III; Croatia: At the Doorsteps of the European Union- Leaving Behind the Memories**
Contact department for information to register for this course.

GEOG358C **Special Topics in Study Abroad III; China: Summer Honors Research Program**
Contact department for information to register for this course.

GEOG372 **Remote Sensing**

GEOG372 Remote Sensing; (3 credits) Grade Method: REG/P-F/AUD.
Principles of remote sensing in relation to photographic, thermal infrared and radar imaging. Methods of obtaining quantitative information from remotely-sensed images. Interpretation of remotely-sensed images emphasizing the study of spatial and environmental relationships. This course has a $40 lab fee.

0101	Laura Duncanson	Seats (Total: 35)
	Meets May 28, 2013 - July 7, 2013	
	MW 1:00pm - 4:30pm	LEF 1124

0201	Dongdong Wang	Seats (Total: 35)
	Meets July 8, 2013 - August 18, 2013	
	MW 1:00pm - 4:30pm	TYD 1114

GEOG373 **Geographic Information Systems**

GEOG373 Geographic Information Systems; (3 credits) Grade Method: REG/P-F/AUD.
Characteristics and organization of geographic data; creation and use of digital geospatial databases; metadata; spatial data models for thematic mapping and map analysis; use of geographic information system in society, government, and business. Practical training with use of advanced software and geographic databases. There is a $40 lab fee for this course.

0101	Naijun Zhou	Seats (Total: 25)
	Meets May 28, 2013 - July 7, 2013	
	MW 11:00am - 2:30pm	LEF 1222
WB21	Zan Dodson	Seats (Total: 50)
	Meets July 8, 2013 - August 18, 2013	
	TuTh 6:00pm - 9:30pm	ONLINE

GEOG384 **Internship in Geography I**

GEOG384 *(PermReq)* **Internship in Geography I; (3 credits)** Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: GEOG211, GEOG306, GEOG212, and GEOG201; and (ENGL393 or ENGL390). Restriction: Must be in Geography program. Supervised field training to provide career experience. Introduction to professional level activities, demands, opportunities. Placement at a public agency, non-profit organization, or private firm. Participation requires application to the internship advisor in preceding semester.

Contact department for information to register for this course.

GEOG385 **Internship in Geography II**

GEOG385 *(PermReq)* **Internship in Geography II; (3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: GEOG211, GEOG306, GEOG212, and GEOG201; and must have completed a Junior (Professional) English course. Restriction: Must be in Geography program. Supervised field training to provide career experience. Introduction to professional-level activities, demands, opportunities. Placement at a public agency, nonprofit organization, or private firm. Participation requires application to the internship advisor in preceding semester.

Contact department for information to register for this course.

GEOG398 **Special Topics in Geography**

GEOG398 Special Topics in Geography; (3 credits) Grade Method: REG/P-F/AUD.

0110	Ronald Luna	Seats (Total: 10)
	Meets May 28, 2013 - July 7, 2013	
	Contact instructor or department for details.	
0210	Ronald Luna	Seats (Total: 10)
	Meets July 8, 2013 - August 18, 2013	
	Contact instructor or department for details.	

GEOG473 **Geographic Information Systems and Spatial Analysis**

GEOG473 Geographic Information Systems and Spatial Analysis; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: GEOG373 or GEOG306; or students who have taken courses with comparable content may contact the department. Credit only granted for: GEOG473 or GEOG482. Formerly: GEOG482. Analytical uses of geographic information systems; data models for building geographic data bases; types of geographic data and spatial problems; practical experience using advanced software for thematic domains such as terrain analysis, land suitability modeling, demographic analysis, and transportation studies. This course has a $40 lab fee.

0101	Naijun Zhou	Seats (Total: 20)
	Meets May 28, 2013 - July 7, 2013	
	TuTh 11:00am - 2:30pm	LEF 1171

GEOG498 **Topical Investigations**

GEOG498 *(PermReq)* **Topical Investigations; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

GEOG506 **Introduction to Quantitative Methods for the Geographic Environmental Sciences**
Contact department for information to register for this course.

GEOG579 **Introduction to Remote Sensing and GIS; Introduction to GIS**
Contact department for information to register for this course.

GEOG579B **Introduction to Remote Sensing and GIS; Introduction to Remote Sensing**
Contact department for information to register for this course.

GEOG603 **Masters Research Tutorial**
Contact department for information to register for this course.

GEOG651 **Spatial Statistics**
Contact department for information to register for this course.

GEOG788 **Selected Topics in Geography**

GEOG788 *(PermReq)* **Selected Topics in Geography; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

GEOG789 **Independent Readings**

GEOG789 *(PermReq)* **Independent Readings; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Contact department to make arrangements.

Contact department for information to register for this course.

GEOG790 **Internship in Geography**

GEOG790 *(PermReq)* **Internship in Geography; (3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Field experience in the student's specialty in a Federal, state, or local agency or private business. Research paper required. Contact department to make arrangements.

Contact department for information to register for this course.

GEOG795 **Professional Practices Seminar**
Contact department for information to register for this course.

GEOG796 **GIS Project Management**
Contact department for information to register for this course.

GEOG799 **Master's Thesis Research**

GEOG799 *(PermReq)* **Master's Thesis Research; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

GEOG898 **Pre-Candidacy Research**

GEOG898 *(PermReq)* **Pre-Candidacy Research; (1-8 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

GEOG899 **Doctoral Dissertation Research**

GEOG899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

GEOL Geology Summer 2013

GEOL100 **Physical Geology**

GEOL100 Physical Geology; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - Natural Science Lab(if taken with GEOL110).
Credit only granted for: GEOL100 or GEOL120. Additional information: CORE Distributive Studies Physical Science Laboratory Course only when taken concurrently with GEOL 110. A general survey of the rocks and minerals composing the earth, its surface features and the agents that form them, and the dynamic forces of plate tectonics.

0101	Tracey Centorbi	Seats (Total: 40)
	Meets May 28, 2013 - July 7, 2013	
	MTuWThF 9:30am - 10:50am	CSS 2428

GEOL110 **Physical Geology Laboratory**

GEOL110 Physical Geology Laboratory; (1 credit) Grade Method: REG/P-F/AUD. *Prerequisite: Must have completed or be concurrently enrolled in GEOL120 or GEOL100. Additional information: CORE Distributive Studies Physical Science Laboratory Course only when taken concurrently with GEOL 100.* The basic materials and tools of physical geology stressing familiarization with rocks and minerals and the use of maps in geologic interpretations. Students must pay a $50.00 Laboratory Materials fee.

0101	Anna Statkiewicz	Seats (Total: 20)
	Meets May 28, 2013 - July 7, 2013	
	MW 12:00pm - 3:00pm	GEO 2106

GEOL499 **Special Problems in Geology**

GEOL499 *(PermReq)* **Special Problems in Geology; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

GEOL798 **Seminar in Geology**

GEOL798 Seminar in Geology; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

GEOL799 **Master's Thesis Research**

GEOL799 Master's Thesis Research; (1-4 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

GEOL898 **Pre-Candidacy Research**

GEOL898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

GEOL899 **Doctoral Dissertation Research**

GEOL899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

GERM Germanic Studies Summer 2013

GERM103 **Intensive Elementary German**

GERM103 Intensive Elementary German; (4 credits) Grade Method: REG/P-F/AUD.
Prerequisite: Must have appropriate Foreign Language Placement Test (FLPT) score. Restriction: Must not have completed GERM102; and must not be a fluent/native speaker of German. Credit only granted for: GERM102 or GERM103. Covers speaking, reading, writing, listening, and culture of German-speaking world.

0101	Brian Oxendine	Seats (Total: 20)
	Meets May 28, 2013 - July 7, 2013	
	MTuWTh 9:30am - 11:45am	JMZ 1117

GERM203 **Intensive Intermediate German**

GERM203 Intensive Intermediate German; (4 credits) Grade Method: REG. CORE Humanities (HO) Course.
Prerequisite: GERM103; or must have appropriate Foreign Language Placement Test (FLPT) score. Restriction: Must not have completed GERM201; and must not have completed GERM202; and must not be a fluent/native speaker of German. Credit only granted for: GERM202 or GERM203. Covers speaking, reading, writing, listening, and culture of German-speaking world.

0201	Regina Ianozi	Seats (Total: 20)
	Meets July 8, 2013 - August 18, 2013	
	MTuWTh 9:30am - 11:45am	JMZ 3120

GERM269A **Special Topics in Study Abroad II; Elementary German I**
Contact department for information to register for this course.

GERM269B **Special Topics in Study Abroad II; Elementary German II**
Contact department for information to register for this course.

GERM301 **Conversation and Composition I: Germany and Its People**
Contact department for information to register for this course.

GERM302 **Conversation and Composition II: Current Topics in German Society**
Contact department for information to register for this course.

GERM369C **Special Topics in Study Abroad III; German Composition I**
Contact department for information to register for this course.

GERM369D **Special Topics in Study Abroad III; German Composition II**
Contact department for information to register for this course.

GERM386 **Experiential Learning**
Contact department for information to register for this course.

GERM399C **Selected Topics in Germanic Studies; The Problematic Fatherland: Cultural Representation in Postwar Germany**

GERM399C Selected Topics in Germanic Studies: The Problematic Fatherland: Cultural Representation in Postwar Germany; (3 credits) Grade Method: REG/P-F/AUD.
Click here for more course information.

WB21	Claudia Biester	Seats (Total: 25)
	Meets July 8, 2013 - August 18, 2013	
	Class time/details on ELMs	ONLINE

GVPT Government and Politics Summer 2013

GVPT100 **Scope and Methods for Political Science Research**

GVPT100 Scope and Methods for Political Science Research; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course.
An introduction to empirical research in political science.

WB11	Joseph Wantz	Seats (Total: 75)
	Meets May 28, 2013 - July 5, 2013	
	Class time/details on ELMs	ONLINE

GVPT170 **American Government**

GVPT170 American Government; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. GenEd: Distributive Studies - History and Social Sciences.
A comprehensive study of national government in the United States.

WB11	Raymond Williams	Seats (Total: 75)
	Meets May 28, 2013 - July 7, 2013	
	Class time/details on ELMs	ONLINE

GVPT200 **International Political Relations**

GVPT200 International Political Relations; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. GenEd: Distributive Studies - History and Social Sciences; Diversity - Understanding Plural Societies. *Prerequisite: GVPT100.* A study of the major factors underlying international relations, the causes of conflict and cooperation among international actors, the role of international institutions, the interactions of domestic and foreign policies, and major issues in security, economy and the environment.

YS41	David Prina	Seats (Total: 30)
	Meets July 8, 2013 - July 26, 2013	
	MTuWThF 10:00am - 1:00pm	TYD 2102
	This section is part of the Young Scholars Program. Enrollment by permission only.	

GVPT241 **The Study of Political Philosophy: Ancient and Modern**

GVPT241 The Study of Political Philosophy: Ancient and Modern; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - Scholarship in Practice. *Prerequisite: GVPT100. Restriction: Must be in Government & Politics program.* Examines some of the salient continuities and breaks between the ancient and modern traditions in Western political philosophy.

WB21	Daniel Creed	Seats (Total: 75)
	Meets July 8, 2013 - August 18, 2013	
	Class time/details on ELMs	ONLINE

GVPT258C **Introduction to Political Science Topics in Study Abroad; Government and Politics in China**
Contact department for information to register for this course.

GVPT282 **Politics and the Developing World**

GVPT282 Politics and the Developing World; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - History and Social Sciences; Diversity - Understanding Plural Societies.
A study of the domestic governmental institutions; processes and problems such as conflict and economic development; and the socio-economic environments that are common to developing countries of Africa, the Middle East, Asia, and Latin America.

0601	Anne Fruge	Seats (Total: 10)
	Meets July 29, 2013 - August 16, 2013	
	MTuWTh 10:00am - 1:20pm	TYD 1108
FF61	Anne Fruge	Seats (Total: 10)
	Meets July 29, 2013 - August 16, 2013	
	MTuWTh 10:00am - 1:20pm	TYD 1108
	Restricted to students in Freshman First. For Program information click here .	

GVPT289M **Special Topics in Government and Politics; Trial Advocacy**

GVPT289M *(PermReq)* **Special Topics in Government and Politics: Trial Advocacy; (3 credits)** Grade Method: REG/P-F/AUD.
Experience the excitement and reward of arguing, and perhaps winning your client's case in court. After a brief introduction to the rules of evidence and trial practice, this exciting, hands-on program will teach you how to prepare and present your case to a judge or jury, how to handle witness examination and how to give effective oral arguments. This new and innovative course provides you with lectures on the essentials of trial practice as well as coaching and practice in oral advocacy, which will prepare you to join the national championship UMD Mock Trial team when you enroll and that will give you confidence in public speaking and presentation.

YS41	Martin Kobren	Seats (Total: 25)
	Meets July 8, 2013 - July 26, 2013	
	MTuWThF 10:00am - 1:00pm	EDU 2101
	This section is part of The Young cholars Program. Enrollment by permission only.	

GVPT309B **Topics in International Relations; Just War: Terrorism, Conflict, and Peace**

GVPT309B Topics in International Relations: Just War: Terrorism, Conflict, and Peace; (3 credits) Grade Method: REG/P-F/AUD.
What wars, if any, can be considered just? How can one evaluate morality within the context of war? After an examination of the different approaches towards ethics and war, this course grapples with the current debates through the lens of the just war tradition. These debates, and the various positions and arguments surrounding them, will be examined through readings and discussions of historical case studies and contemporary conflicts. This course is both an excellent survey course and for students who want to develop future research on the topic of ethics and warfare.

WB11	Jesse Kirkpatrick	Seats (Total: 75)
	Meets May 28, 2013 - July 7, 2013	
	Class time/details on ELMs	ONLINE

GVPT309M **Topics in International Relations; Egypt and Israel**
Contact department for information to register for this course.

GVPT309N **Topics in International Relations; Scandinavia: Political Conflict: Past, Present and Future**
Contact department for information to register for this course.

GVPT309X **Topics in International Relations; Conflict Resolution - The Israeli Palestinian Experiment**

GVPT309X Topics in International Relations: Conflict Resolution - The Israeli Palestinian Experiment; (3 credits) Grade Method: REG/P-F/AUD.
Also offered as ISRL349X. This groundbreaking interactive course provides an in-depth understanding of this conflict using simulations exploring contending historical perspectives and the search for common ground. Topics include Jerusalem, refugees, settlements, water rights, border disputes and security concerns. Professor Manuel Hassassian is the Palestinian Ambassador in the United Kingdom. Professor Edy Kaufman has been the Director of both the Harry S. Truman Institute for the Advancement of Peace at the Hebrew University of Jerusalem and the Center for International Development and Conflict Management at UMD and is concurrently teaching at the Interdisciplinary Center in Herzliya, Israel. In addition to the scheduled class time, the course will also meet on Saturday, August 10th and Sunday, August 11th from 9:00am-6:45pm for an interactive conflict resolution workshop. Click here for more course information. Vist us on You Tube for more course information.

0601	Edward Kaufman, M. Hassassian	Seats (Total: 35)
	Meets July 29, 2013 - August 16, 2013	
	TuTh 6:00pm - 9:20pm	TYD 2110
	Students who wish to register for this section after July 13, 2012, please e-mail summer@umd.edu .	

GVPT331 **Law and Society**

GVPT331 Law and Society; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: GVPT170. Restriction: Must not have completed GVPT231. A study of the basis of law and its relationship with various contemporary institutions such as the courts, the legal profession, and society at large.

WB11	Seth Abrams	Seats (Total: 75)
	Meets May 28, 2013 - July 7, 2013	
	Class time/details on ELMs	ONLINE

GVPT358A **Study Abroad Seminar in Political Science; Migration and Multiculturalism in Europe**
Contact department for information to register for this course.

GVPT358M **Study Abroad Seminar in Political Science; Conflict and Peace in the Mediterranean**
Contact department for information to register for this course.

GVPT359N **Topics in Comparative Politics; Nationalism and Ethnic Conflict**

GVPT359N Topics in Comparative Politics: Nationalism and Ethnic Conflict; (3 credits) Grade Method: REG/P-F/AUD.
This course provides an overview of the comparative study of nationalism and ethnic conflict, juxtaposing core theoretical works with recent and contemporary cases to explain nationalist conflict. Topics include origins of nationalism; the ethnic security dilemma; nationalism and rationality; democratization and nationalist conflict; colonial legacies, and structural solutions to nationalist violence. Students will have the opportunity to select a case of their own interest as the subject of two complementary writing assignments.

WB21	Mary Schneider	Seats (Total: 75)
	Meets July 8, 2013 - August 18, 2013	
	Class time/details on ELMs	ONLINE

GVPT386 **Experiential Learning**

GVPT386 Experiential Learning; (3-6 credits) Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.
Restriction: Permission of BSOS-Government & Politics department; and junior standing or higher.

Contact department for information to register for this course.

GVPT388A **Topical Investigations; Film and the Study of Politics of Terror in the Family and the State**

GVPT388A Topical Investigations: Film and the Study of Politics of Terror in the Family and the State; (3 credits) Grade Method: REG/P-F/AUD.
Student may sign up for both GVPT399A and GVPT388A; GVPT399A will meet four days a week for the first three weeks. GVPT388A will be an online course for the second three weeks of the first summer session, which follows themes developed in GVPT399A. Students who do NOT enroll for GVPT 399A, who will not at all be in residence during the summer, may take GVPT388A as an online course from May 31-July 8.

WB11	James Glass	Seats (Total: 75)
	Meets May 28, 2013 - July 5, 2013	
	Class time/details on ELMs	ONLINE

GVPT388P **Topical Investigations; Maryland Internship Program**

GVPT388P *(PermReq)* **Topical Investigations: Maryland Internship Program; (1-3 credits)** Grade Method: REG/P-F/AUD.
Must have departmental permission to register; to apply, visit CAPC. This competitive program places highly qualified undergraduate students in internships in Maryland state and local government. Internship placements could include the offices of the Governor and Lieutenant Governor, members of the General Assembly, state and local agencies, and courts. Participants attend a seminar in addition to their internship duties.

0101	Jeffrey Taylor	Seats (Total: 20)
	Meets May 28, 2013 - July 7, 2013	
	TuTh 6:00pm - 9:20pm	TYD 2108
0201	Jeffrey Taylor	Seats (Total: 20)
	Meets July 8, 2013 - August 18, 2013	
	TuTh 6:00pm - 9:20pm	TYD 1102

GVPT399A **Seminar in Government and Politics; The Uses and Abuses of Terror: Politics in the Family and the State**

GVPT399A Seminar in Government and Politics: The Uses and Abuses of Terror: Politics in the Family and the State; (3 credits) Grade Method: REG/P-F/AUD.

Examines the politics and psychology of terror, terrorism and being terrorized. We look at these processes from the perspective of the self, the group and the state; and study the dynamics of power present in all three levels. We use major feature films to demonstrate the emotional and political impact of the operation of terror. Students may take GVPT388A in conjuction with GVPT399A for a total of six credits.

0301	James Glass	Seats (Total: 75)
	Meets May 28, 2013 - June 14, 2013	
	TuWThF 1:30pm - 4:45pm	TYD 1108

GVPT399B **Seminar in Government and Politics; Salzburg Seminar: Global Change, Global Cooperation**
Contact department for information to register for this course.

GVPT409B **Seminar in International Relations and World Politics; Politics of the Arab World**

GVPT409B Seminar in International Relations and World Politics: Politics of the Arab World; (3 credits) Grade Method: REG/P-F/AUD.

The course covers Arab politics, focusing mainly on the socioeconomic transformation of Arab neo-patriarchal society, the resurgence of fundamental Islam and the challenges of Western modernization. It will cover a wide range of topics dealing with political ideology and religion in the Middle East (ME). In this context, we attempt to deal with historical trends and future challenges to better understand current issues such as the relevance of the US policies vis-a-vis the ME:the cases of Iran, Iraq, Syria, and Palestine; the rise of terrorism,political orientation or religious xenophobia; democracy in the region and reflections on Hamas's recent ascension to power; the politics of oil and its impact on American policy in the Middle East. (Prof. Hassassian has been the rector and Vice-president of Bethlehem University and is currently serving with an ambassadorial rank as the Palestinian General Representative in the United Kingdom.)

0201	M. Hassassian	Seats (Total: 30)
	Meets July 8, 2013 - August 18, 2013	
	TuTh 2:00pm - 5:20pm	TYD 0101

GVPT409L **Seminar in International Relations and World Politics; Politics for a Warming World: Environment, Development, and Food Security**

GVPT409L Seminar in International Relations and World Politics: Politics for a Warming World: Environment, Development, and Food Security; (3 credits)
Grade Method: REG/P-F/AUD.
This course examines the relationship between the promotion of economic development and environmental protection in the context of global climate change. It will cover debates concerning sustainability, energy , consumption, toxic waste, food security, and technology.

WB11	Jacqueline Ignatov	Seats (Total: 75)
	Meets May 28, 2013 - July 7, 2013	
	Class time/details on ELMs	ONLINE
	Click here for more course information.	

GVPT462 **Urban Politics**

GVPT462 Urban Politics; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: GVPT241 and GVPT170. Recommended: GVPT260. Urban political process and institutions considered in the light of changing social and economic conditions.

WB21	Antonio Rodriguez	Seats (Total: 75)
	Meets July 8, 2013 - August 18, 2013	
	Class time/details on ELMs	ONLINE

GVPT479L **Seminar in American Politics; Occupy America: Inequality in American Democracy**

GVPT479L Seminar in American Politics: Occupy America: Inequality in American Democracy; (3 credits) Grade Method: REG/P-F/AUD.
The current income gap in the United States between rich and poor is higher than at any time since the Wall Street Crash on 1929, and this income inequality has profound effects on US politics. This course examines how the distribution of income and wealth across class, racial, ethnic, and gender lines--"who gets what, when, and how"--impacts the \istribution of power in the US political system.

WB11	Stephen Yoder	Seats (Total: 75)
	Meets May 28, 2013 - July 7, 2013	
	Class time/details on ELMs	ONLINE
	Click here for more course information.	

GVPT808D **Selected Topics in Functional Problems in International Relations; Multi-Track Diplomacy: Transforming Violent Conflict**

GVPT808D Selected Topics in Functional Problems in International Relations: Multi-Track Diplomacy: Transforming Violent Conflict; (3 credits) Grade Method: REG/AUD.
Also offered as SUMM004. Additional workshop times - Friday, July 5th 6-9:00p.m.; Saturday, July 6th and Sunday, July 7th from 9:00 a.m. - 1: 00 p.m. and 2:00 - 6:00 p.m. This course aims to develop the practical skills needed to facilitate the transformation of interpersonal, organizational or community conflict as well as more complex societal conflicts. Join us in an experiment during the weekend workshop using multi-track diplomacy to search for common ground in ongoing conflict in the Middle East. The planned simulation will be facilitated by Prof. John Davies with support from Prof. Edward (Edy) Kaufman, both with over 20 years experience in using multi-track and citizens' diplomacy in many countries suffering from war, terrorism, and instability around the world. No pre-requisites. Click here for more course information.

0501	John Davies	Seats (Total: 30)
	Meets June 17, 2013 - July 5, 2013	
	TuTh 6:00pm - 9:20pm	TYD 1101
	Students who wish to register for this section after June 4, 2012, please e-mail summer@umd.edu .	

GVPT849 **Readings in Government and Politics**

GVPT849 Readings in Government and Politics; (3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

GVPT898 **Pre-Candidacy Research; Pre-Candidacy Research**

GVPT898 Pre-Candidacy Research: Pre-Candidacy Research; (1-3 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

GVPT899 **Doctoral Dissertation Research**

GVPT899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HESP Hearing and Speech Sciences Summer 2013

HESP120 **Introduction to Linguistics**

HESP120 Introduction to Linguistics; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. GenEd: Distributive Studies - History and Social Sciences or Distributive Studies - Scholarship in Practice.
Credit only granted for: HESP120 or LING200. An introduction to the scientific study of natural language with focus on the basic concepts of phonology, syntax, semantics and pragmatics, with subsequent attention to the applied aspects of linguistic principles.

0101	Tess Wood	Seats (Total: 20)
	Meets May 28, 2013 - July 7, 2013	
	MWF 9:00am - 11:30am	LEF 1221

HESP300 **Introduction to Psycholinguistics**

HESP300 Introduction to Psycholinguistics; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: Minimum grade of C- in HESP202; or permission of BSOS-Hearing & Speech Sciences department. Recommended: HESP120. An introduction to current theories of language and an investigation of their relationship to human communication behavior. Survey of the experimental literature relating to this question.

0101	Catherine Eaton	Seats (Total: 25)
	Meets May 28, 2013 - July 7, 2013	
	TuTh 1:00pm - 4:30pm	WDS 1114

HESP311 **Anatomy, Pathology and Physiology of the Auditory System**

HESP311 Anatomy, Pathology and Physiology of the Auditory System; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: Minimum grade of C- in HESP202; or permission of BSOS-Hearing & Speech Sciences department. Gross anatomy of the ear and pathways for transmission of sound energy through the peripheral and central auditory system. Causes, development and effects of pathological conditions contributing to temporary or chronic hearing impairments.

0101	Hannah Willison, Julie Cohen	Seats (Total: 30)
	Meets May 28, 2013 - July 7, 2013	
	MW 2:00pm - 5:30pm	LEF 0135

HESP386 **Experiential Learning**

HESP386 *(PermReq)* **Experiential Learning; (3-6 credits)** Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.
Restriction: Junior standing or higher; and permission of BSOS-Hearing Speech Sciences department.

Contact department for information to register for this course.

HESP388 **Undergraduate Research Externship**

HESP388 Undergraduate Research Externship; (1-3 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HESP389 **LEAP Classroom Internship**

HESP389 LEAP Classroom Internship; (1-3 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HESP400 **Speech and Language Development in Children**

HESP400 Speech and Language Development in Children; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: Minimum grade of C- in HESP300; or permission of BSOS-Hearing & Speech Sciences department. Recommended: LING200 or HESP120. Restriction: Must be in Hearing and Speech Sciences program; or permission of BSOS-Hearing & Speech Sciences department. Analysis of the normal processes of speech and language development in children.

0201	Ilina Stojanovska	Seats (Total: 30)
	Meets July 8, 2013 - August 18, 2013	
	MWF 9:00am - 11:15am	SKN 1115

HESP407 **Bases of Hearing Science**

HESP407 Bases of Hearing Science; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: Minimum grade of C- in HESP311; or permission of BSOS-Hearing & Speech Sciences department. Restriction: Must be in Hearing and Speech Sciences program; or permission of BSOS-Hearing & Speech Sciences department.
Fundamentals of hearing, including the physics of sound, anatomy and physiology of peripheral and central auditory nervous system, psychophysical procedures used in measurement of auditory sensation and perception, and topics in psychological acoustics.

0201	Danielle Zion	Seats (Total: 20)
	Meets July 8, 2013 - August 18, 2013	
	TuTh 9:00am - 12:30pm	LEF 1221

HESP413 **Aural Rehabilitation/Habilitation**

HESP413 Aural Rehabilitation/Habilitation; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: HESP311. Restriction: Sophomore standing or higher. The fundamental aspects of aural rehabilitation therapy for both adults and children are introduced to students. Class time will consist of lectures, discussions, and hands-on activities.

0401	Kathleen Skinker	Seats (Total: 40)
	Meets July 8, 2013 - July 26, 2013	
	MTuWThF 9:00am - 11:30am	TYD 2109

HESP417 **Principles and Methods in Speech-Language Pathology and Audiology**

HESP417 Principles and Methods in Speech-Language Pathology and Audiology; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: HESP400 and HESP411; and 1 course with a minimum grade of C- from (HESP402, HESP404, HESP406, HESP410). Or permission of BSOS-Hearing & Speech Sciences department. Restriction: Must be in Hearing and Speech Sciences program; or permission of BSOS-Hearing & Speech Sciences department. The principles underlying the treatment of speech, language and hearing disorders in children and adults.

0201	Eusabia Mont, Lisa Rickard	Seats (Total: 20)
	Meets July 8, 2013 - August 18, 2013	
	MTuWTh 9:30am - 11:15am	LEF 0135

HESP498B **Seminar; Augmentative and Alternative Communication**

HESP498B Seminar: Augmentative and Alternative Communication; (3 credits) Grade Method: REG/P-F/AUD.
A hybrid online course designed to provide an introduction to the principles, methods, and procedures for categorizing, understanding, and devloping augmentative and alternative communication (AAC) systems for persons with complex communication needs. Class meets July 8, July 15, and July 25th from 12:00pm-3:30pm in LEF1220. All other course work is Web online.

HY41	Tonya Williams Walker	Seats (Total: 20)
	Meets July 8, 2013 - July 26, 2013	
	Class time/details on ELMs	ONLINE
	This course will also have three face to face meetings on July 8, July 5 and July 25.	

HESP499 **Independent Study**

HESP499 *(PermReq)* **Independent Study; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HESP625 **Dysphagia**

HESP625 Dysphagia; (3 credits) Grade Method: REG.
Restriction: Permission of BSOS-Hearing & Speech Sciences department. Credit only granted for: HESP639B or HESP625. Nature and clinical management of dysphagia as it pertains to different clinical settings for adult and pediatric populations.

0101	Barbara Sonies	Seats (Total: 30)
	Meets May 28, 2013 - July 5, 2013	
	TuTh 1:00pm - 4:30pm	LEF 0135

HESP627 **Augmentative and Alternative Communication**

HESP627 Augmentative and Alternative Communication; (3 credits) Grade Method: REG.
Restriction: Permission of BSOS-Hearing & Speech Sciences department. Credit only granted for: HESP639R or HESP627. Principles, methods, and procedures for categorizing, understanding, and developing augmentative and alternative communication. A hybrid online course designed to provide an introduction to the principles, methods, and procedures for categorizing, understanding, and devloping augmentative and alternative communication (AAC) systems for persons with complex communication needs. Class meets July 08, July 15, and July 25th from 12:00pm-3:30pm in LEF1220. All other course work is Web online.

HY41	Tonya Williams Walker	Seats (Total: 20)
	Meets July 8, 2013 - July 26, 2013	
	Class time/details on ELMs	ONLINE
	This course will also have three face to face meetings on July 8, July 5 and July 25.	

HESP635 **Aural Rehabilitation/Habilitation**

HESP635 Aural Rehabilitation/Habilitation; (3 credits) Grade Method: REG/AUD. Principles, methods and procedures for aural rehabilitation/habilitation in children and adults.

0101	Paula Schauer	Seats (Total: 27)
	Meets May 28, 2013 - July 7, 2013	
	TuTh 3:15pm - 6:30pm	LEF 1220
	Recommended for Au.D. students.	

0401	Kathleen Skinker	Seats (Total: 40)
	Meets July 8, 2013 - July 26, 2013	
	MTuWThF 9:00am - 11:30am	TYD 2109
	For Speech Path. M.A. students.	

HESP638 **Research Practicum; Minor Research Problems**

HESP638 Research Practicum: Minor Research Problems; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HESP646 **Educational Audiology**

HESP646 Educational Audiology; (3 credits) Grade Method: REG. *Prerequisite: HESP606. Recommended: HESP645.* Examination of historical and current trends influencing educational programming for hearing-impaired children, communication options for severely and profound hearing-impaired children, and the role of the audiologist in the educational setting.

0201	Julie Verhoff	Seats (Total: 10)
	Meets July 8, 2013 - August 18, 2013	
	TuTh 3:15pm - 6:30pm	LEF 0104A

HESP648B **Clinical Practice in Speech**

HESP648B Clinical Practice in Speech; (1-2 credits) Grade Method: REG/AUD.

0101	Vivian Sisskin	Seats (Total: 10)
	Meets May 28, 2013 - July 7, 2013	
	Contact instructor or department for details.	
0103	Eusabia Mont	Seats (Total: 10)
	Meets May 28, 2013 - July 7, 2013	
	Contact instructor or department for details.	
0104	Kristin Slawson	Seats (Total: 10)
	Meets May 28, 2013 - July 7, 2013	
	Contact instructor or department for details.	

0105	Dianne Handy	Seats (Total: 10)
	Meets May 28, 2013 - July 7, 2013	
	Contact instructor or department for details.	
0107	Kathryn Dow-Burger	Seats (Total: 10)
	Meets May 28, 2013 - July 7, 2013	
	Contact instructor or department for details.	

HESP649A **Clinical Practice in Audiology**

HESP649A Clinical Practice in Audiology; (1-2 credits) Grade Method: REG/AUD.

0101	Sharon Palmer	Seats (Total: 10)
	Meets May 28, 2013 - July 7, 2013	
	Contact instructor or department for details.	

HESP649B **Clinical Practice in Audiology; Aural Rehabilitation**

HESP649B *(PermReq)* **Clinical Practice in Audiology: Aural Rehabilitation; (1-2 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HESP658A **Special Clinical Topics in Hearing and Speech; Ethical and Professional Issues in Clinical Audiology**

HESP658A Special Clinical Topics in Hearing and Speech: Ethical and Professional Issues in Clinical Audiology; (2 credits) Grade Method: REG/AUD.

0101	Tracy Fitzgerald	Seats (Total: 15)
	Meets May 28, 2013 - July 7, 2013	
	F 1:00pm - 5:30pm	LEF 0135

HESP708 **Independent Study**

HESP708 Independent Study; (1-6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HESP728 **Advanced Clinical Practice in Speech; Advanced Clinical Practice in Speech**

HESP728 Advanced Clinical Practice in Speech: Advanced Clinical Practice in Speech; (1-8 credits) Grade Method: REG/AUD.

0101	Colleen Worthington **Meets May 28, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)

HESP729 **Advanced Clinical Practice in Audiology**

HESP729 Advanced Clinical Practice in Audiology; (1-8 credits) Grade Method: REG/AUD.

0101	Margaret McCabe **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0201	Margaret McCabe **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)

HESP788 **Graduate Research Externship**

HESP788 Graduate Research Externship; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HESP799 **Master's Thesis Research**

HESP799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HESP829 **Clinical Internship Residency**

HESP829 Clinical Internship Residency; (1-9 credits) Grade Method: REG/AUD.

0101	Margaret McCabe **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)

0201	Margaret McCabe	Seats (Total: 10)
	Meets July 8, 2013 - August 18, 2013	
	Contact instructor or department for details.	

HESP849 **Capstone Research Project I**

HESP849 Capstone Research Project I; (2 credits) Grade Method: REG.

0112	Sandra Gordon-Salant	Seats (Total: 10)
	Meets May 28, 2013 - July 7, 2013	
	Contact instructor or department for details.	

HESP859 **Capstone Research Project II**

HESP859 Capstone Research Project II; (2 credits) Grade Method: REG.
Pre- or Corequisite: HESP849.

0201	Sandra Gordon-Salant	Seats (Total: 10)
	Meets July 8, 2013 - August 18, 2013	
	Contact instructor or department for details.	

HESP889 **Doctoral Candidacy Research**

HESP889 Doctoral Candidacy Research; (1-3 credits) Grade Method: REG.
Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HESP898 **Pre-Candidacy Research**

HESP898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F.
Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HESP899 **Doctoral Dissertation Research**

HESP899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG.
Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HISP Historic Preservation Summer 2013

HISP319A **Special Topics in Historic Preservation; George Washington's Mount Vernon Field School**

HISP319A Special Topics in Historic Preservation: George Washington's Mount Vernon Field School; (6 credits) Grade Method: REG/P-F/AUD.

I101	Donald Linebaugh	Seats (Total: 20)
	Meets May 28, 2013 - July 7, 2013	
	Contact instructor or department for details.	
	Enrollment limited to students who are accepted into the field school.	

HISP619A **Special Topics in Historic Preservation; George Washington's Mount Vernon Field School**

HISP619A Special Topics in Historic Preservation: George Washington's Mount Vernon Field School; (6 credits) Grade Method: REG/AUD.
For more on the field school, click here.

I101	Donald Linebaugh	Seats (Total: 10)
	Meets May 28, 2013 - July 7, 2013	
	Contact instructor or department for details.	
	Enrollment limited to students who are accepted into the field school.	

HISP619E **Special Topics in Historic Preservation; Historic Preservation in St. Petersburg (Russia)**
Contact department for information to register for this course.

HISP660 **Internship in Historic Preservation**

HISP660 Internship in Historic Preservation; (3 credits) Grade Method: REG/AUD.
Prerequisite: Permission of ARCH-Historic Preservation Program. Formerly: HISP619.
Students will secure a summer internship with an organization engaged in historic preservation work (this can be a public agency, nonprofit, or private firm). The students will formulate a plan of work and a series of pedagogical goals to satisfy both the practical needs of the project and the academic requirements for the course.

I101	Donald Linebaugh	Seats (Total: 20)
	Meets May 28, 2013 - July 7, 2013	
	Contact instructor or department for details.	

I201	Donald Linebaugh	Seats (Total: 10)
	Meets July 8, 2013 - August 18, 2013	
	Contact instructor or department for details.	

HISP680 **Preservation Economics**

HISP680 Preservation Economics; (3 credits) Grade Method: REG/AUD. *Prerequisite: Permission of ARCH-Historic Preservation Program. Credit only granted for: HISP619N or HISP680. Formerly: HISP619N.* Students are introduced to a range of economic theories, methods, and issues that must be considered in the practice of historic preservation. Case studies related to community economic development, adaptive reuse, tax credit programs, project finance, and land use will be presented.

0101	Constance Ramirez	Seats (Total: 4)
	Meets May 28, 2013 - July 7, 2013	
	Contact instructor or department for details.	

HISP701 **Certificate Portfolio Project**

HISP701 Certificate Portfolio Project; (1 credit) Grade Method: REG/AUD. *Prerequisite: Permission of ARCH-Historic Preservation Program.* Students will gather samples of their work and craft a synthetic statement on their experiences in their HISP certificate courses (for example, picking up on themes such as community involvement, diversity of practice, affordable housing, or sustainability), and the ways in which they have integrated historic preservation into their thinking and practice in their home discipline.

0201	Donald Linebaugh	Seats (Total: 15)
	Meets July 8, 2013 - August 18, 2013	
	Contact instructor or department for details.	

HIST History Summer 2013

HIST140 **The Practice of Tolerance in Religious Societies**

HIST140 The Practice of Tolerance in Religious Societies; (3 credits) Grade Method: REG/P-F/AUD. CORE Humanities (HO) Course. CORE Diversity (D) Course. GenEd: Distributive Studies - Humanities; Diversity - Understanding Plural Societies; Signature Courses - I-Series.

WB21	Bernard Cooperman **Meets July 8, 2013 - August 18, 2013** Class time/details on ELMs	Seats (Total: 40) ONLINE

HIST200 **Interpreting American History: Beginnings to 1877**

HIST200 Interpreting American History: Beginnings to 1877; (3 credits) Grade Method: REG/P-F/AUD. CORE Social or Political History (SH) Course. GenEd: Distributive Studies - History and Social Sciences or Distributive Studies - Humanities. *Credit only granted for: HIST156 or HIST200. Formerly: HIST156.* The United States from colonial times to the end of the Civil War. Establishment and development of American institutions.

0101	Stephanie Hinnershitz **Meets May 28, 2013 - July 7, 2013** MTuWThF 9:30am - 10:50am	Seats (Total: 35) KEY 0103
0201	Paul Gibson **Meets July 8, 2013 - August 18, 2013** MTuWThF 9:30am - 10:50am	Seats (Total: 21) KEY 0103
XA21	Paul Gibson **Meets July 8, 2013 - August 18, 2013** MTuWThF 9:30am - 10:50am	Seats (Total: 0) KEY 0103

HIST201 **Interpreting American History: From 1865 to the Present**

HIST201 Interpreting American History: From 1865 to the Present; (3 credits) Grade Method: REG/P-F/AUD. CORE Social or Political History (SH) Course. GenEd: Distributive Studies - History and Social Sciences or Distributive Studies - Humanities; Diversity - Understanding Plural Societies.
Credit only granted for: HIST157 or HIST201. Formerly: HIST157. The United States from the end of the Civil War to the present. Economic, social, intellectual, and political developments. Rise of industry and emergence of the United States as a world power.

0101	Edwin Smead **Meets May 28, 2013 - July 7, 2013** MTuWThF 11:00am - 12:20pm	Seats (Total: 35) KEY 0103

0201	Robert Chiles **Meets July 8, 2013 - August 18, 2013** MTuWThF 11:00am - 12:20pm	Seats (Total: 25) KEY 0103
XA21	Robert Chiles **Meets July 8, 2013 - August 18, 2013** MTuWThF 11:00am - 12:20pm	Seats (Total: 0) KEY 0103

HIST213 **History of Sexuality in America**

HIST213 History of Sexuality in America; (3 credits) Grade Method: REG/P-F/AUD. CORE Social or Political History (SH) Course. CORE Diversity (D) Course. GenEd: Distributive Studies - History and Social Sciences.
Credit only granted for: HIST213 or HIST219O. Formerly: HIST219O. Explores the social construction of sexualities from the first colonial settlement to the modern era in the United States. Analyzes the implications of these understandings for power relations in U.S history.

WB11	Clare Lyons **Meets May 28, 2013 - July 7, 2013** Class time/details on ELMs	Seats (Total: 40) ONLINE

HIST269A **Special Topics in Study Abroad II; Mexican Society: History and Gender Issues**
Contact department for information to register for this course.

HIST269B **Special Topics in Study Abroad II; People and Cultures of Africa**
Contact department for information to register for this course.

HIST269C **Special Topics in Study Abroad II; Spanish Culture Civilization and Literature III: Modern Times**
Contact department for information to register for this course.

HIST269R **Special Topics in Study Abroad II; Latin American Social Revolutions**
Contact department for information to register for this course.

HIST269T **Special Topics in Study Abroad II; London: Cultural Capital**
Contact department for information to register for this course.

HIST299 **Directed Research**

HIST299 *(PermReq)* **Directed Research; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HIST306 **History of Religion in America**

HIST306 History of Religion in America; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: HIST200, HIST201, HIST210, HIST211, HIST213, HIST254, or HIST255; or must have completed HIST156 or HIST157; or permission of instructor. Also offered as: RELS346. Credit only granted for: HIST306 or RELS346.* A history of religion, religious movements, and churches in America from the early Colonial period to the present, with special attention to the relation between church and society.

WB31	Miles Bradbury	Seats (Total: 40)
	Meets May 28, 2013 - June 14, 2013	
	Class time/details on ELMs	ONLINE

HIST319A **Special Topics in History; Radical Regimes in the Arab World**

HIST319A Special Topics in History: Radical Regimes in the Arab World; (3 credits) Grade Method: REG/P-F/AUD.

0201	Ibrahim Ali	Seats (Total: 35)
	Meets July 8, 2013 - August 18, 2013	
	MW 6:00pm - 9:15pm	KEY 0125

HIST319M **Special Topics in History; Cultural History of Latin America: Music, Movies & Revolution**

HIST319M Special Topics in History: Cultural History of Latin America: Music, Movies & Revolution; (3 credits) Grade Method: REG/P-F/AUD.

0601	Daniel Richter	Seats (Total: 35)
	Meets July 29, 2013 - August 16, 2013	
	MTuWThF 1:00pm - 4:15pm	TLF 1101

HIST319Q **Special Topics in History; The Civil War Era: America's Fiery Trial**

HIST319Q Special Topics in History: The Civil War Era: America's Fiery Trial; (3 credits) Grade Method: REG/P-F/AUD.
A political, social, cultural, economic, and military history of the Civil War Era that uses the lives of key figures such as John Brown, Jefferson Davis, Frederick Douglass, Joshua Chamberlain, Mary Chestnut, William Lloyd Garrison, Ulysses Grant, Stonewall Jackson, Robert E. Lee, Abraham Lincoln, James Longstreet, Harriet Tubman, and William T. Sherman, to recreate the era as a lived experience.

0101	Michael Ross	Seats (Total: 35)
	Meets May 28, 2013 - July 7, 2013	
	MW 6:00pm - 9:25pm	TYD 1108

HIST319V **Special Topics in History; America in the 1960s**

HIST319V Special Topics in History: America in the 1960s; (3 credits) Grade Method: REG/P-F/AUD.

0101	Katarina Keane	Seats (Total: 35)
	Meets May 28, 2013 - July 7, 2013	
	TuTh 6:00pm - 9:20pm	TLF 1101

HIST327 **The Roman Empire**

HIST327 The Roman Empire; (3 credits) Grade Method: REG/P-F/AUD.
Roman history from Augustus to Heraclius, 44BC-641AD: The Imperial court and government; the diversity of culture in provinces and cities and the progress of Romanization; Roman religion and its transformation in late antiquity; the Roman army and defense of the frontiers.

0101	William Burghart	Seats (Total: 35)
	Meets May 28, 2013 - July 7, 2013	
	MTuWThF 9:30am - 10:50am	KEY 0116

HIST329K **Special Topics in History; History of Rock 'n Roll, 1950-2000**

HIST329K Special Topics in History: History of Rock 'n Roll, 1950-2000; (3 credits) Grade Method: REG/P-F/AUD.
This inter-disciplinary course will trace the development of American rock 'n' roll and popular music in the second half of the 20th century. Popular music will be studied both in terms of what it sounds like, and in terms of what it meant to the societies in which it was made and consumed. Special attention will be paid to the role of African-American cultural influences, as well as contributions made by European (mainly British) performers over the years.

WB41	Andrew Kellett	Seats (Total: 40)
	Meets July 8, 2013 - July 26, 2013	
	Class time/details on ELMs	ONLINE

HIST330 **Europe in the Making: The Early Medieval West (A.D. 300-1000)**

HIST330 Europe in the Making: The Early Medieval West (A.D. 300-1000); (3 credits) Grade Method: REG/P-F/AUD.
Also offered as: RELS340. Credit only granted for: HIST330 or RELS340. From one empire to another: Rome to Charlemagne. This period is approached as a crucible in which classical, Christian, and Germanic elements merged, yielding new experimental syntheses. This course will deal with issues of authority, cultural trends, and the formation of group solidarity.

WB21	Janna Bianchini	Seats (Total: 40)
	Meets July 8, 2013 - August 18, 2013	
	Class time/details on ELMs	ONLINE

HIST357 **Recent America: 1945-Present**

HIST357 Recent America: 1945-Present; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: HIST201, HIST211, HIST213, HIST222, HIST255, or HIST275; or must have completed HIST157; or permission of instructor. American history from the inauguration of Harry S. Truman to the present with emphasis upon politics and foreign relations, but with consideration of special topics such as radicalism, conservatism, and labor.

WB51	Edwin Smead	Seats (Total: 40)
	Meets June 17, 2013 - July 5, 2013	
	Class time/details on ELMs	ONLINE
	Students who wish to register for this section after June 4, 2012, please e-mail summer@umd.edu .	

HIST360 **Women and the Civil Rights Movement**

HIST360 Women and the Civil Rights Movement; (3 credits) Grade Method: REG/P-F/AUD.
Twentieth-century U.S. civil rights movement from the vantage point of women, considering both women's involvement in the legal campaigns and political protests and the impact of civil rights struggles on women's condition, status, and identity. Also offered as AASP498I and WMST498M.

WB41	Elsa Barkley Brown	Seats (Total: 40)
	Meets July 8, 2013 - July 26, 2013	
	Class time/details on ELMs	ONLINE

HIST369B **Special Topics in Study Abroad III; Brazil, Rio Film History and Culture**
Contact department for information to register for this course.

HIST369G **Special Topics in Study Abroad III; Brazilian History**
Contact department for information to register for this course.

HIST369M **Special Topics in Study Abroad III; History of Medieval Italy: The World of Dante**
Contact department for information to register for this course.

HIST386 **Experiential Learning**

HIST386 *(PermReq)* **Experiential Learning; (3-6 credits)** Grade Method: REG/P-F.
Individual Instruction course: contact department or instructor to obtain section number.
Restriction: Permission of ARHU-History department; and junior standing or higher.
The History Department's Internship program. Pre-professional experience in historical research, analysis, and writing in a variety of work settings.

Contact department for information to register for this course.

HIST419L **Special Topics in History; History of Maryland**

HIST419L Special Topics in History: History of Maryland; (3 credits) Grade Method: REG/P-F/AUD.

WB11	Russell Rockefeller	Seats (Total: 40)
	Meets May 28, 2013 - July 7, 2013	
	Class time/details on ELMs	ONLINE

HIST453 **Diplomatic History of the United States from 1914**

HIST453 Diplomatic History of the United States from 1914; (3 credits) Grade Method: REG/P-F/AUD.
American foreign relations in the 20th century. World War I, the Great Depression, World War II, the Cold War, the Korean War, and Vietnam. A continuation of HIST452.

0201	Vincent Houghton	Seats (Total: 35)
	Meets July 8, 2013 - August 18, 2013	
	TuTh 6:00pm - 9:15pm	KEY 0126

HIST469C **Study Abroad Special Topics IV; Spanish Culture Civilization and Literature III: Modern Times**
Contact department for information to register for this course.

HIST499 **Independent Study**

HIST499 *(PermReq)* **Independent Study; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HIST499Y **Independent Study; American History at Home, 1950-1980**
Contact department for information to register for this course.

HIST619 **Special Topics in History**
Contact department for information to register for this course.

HIST619A **Special Topics in History; Independent Study**

HIST619A *(PermReq)* **Special Topics in History: Independent Study; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HIST708 **Directed Independent Reading for Comprehensive Examinations I**

HIST708 Directed Independent Reading for Comprehensive Examinations I; (1-4 credits) Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HIST709 **Directed Independent Reading for Comprehensive Examinations II**

HIST709 Directed Independent Reading for Comprehensive Examinations II; (1-4 credits) Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HIST799 **Master's Thesis Research**

HIST799 *(PermReq)* **Master's Thesis Research; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HIST819 **Special Topics in History: Independent Research**

HIST819 *(PermReq)* **Special Topics in History: Independent Research; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HIST819A **Special Topics in History: Independent Research**

HIST819A Special Topics in History: Independent Research; (1-3 credits) Grade Method: REG/AUD.

0226	Kenneth Holum	Seats (Total: 10)
	Meets July 8, 2013 - August 18, 2013	
	Contact instructor or department for details.	

HIST819B **Special Topics in History: Independent Research**

HIST819B Special Topics in History: Independent Research; (1-3 credits) Grade Method: REG/AUD.

0268	David Sicilia	Seats (Total: 10)
	Meets July 8, 2013 - August 18, 2013	
	Contact instructor or department for details.	

HIST899 **Doctoral Dissertation Research**

HIST899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HLSA Health Services Administration Summer 2013

HLSA601 **Introduction to Health Systems**

HLSA601 Introduction to Health Systems; (3 credits) Grade Method: REG/AUD. *Restriction: Must not have completed HLTH740. Credit only granted for: HLSA601, HLTH688A, or HLTH740. Formerly: HLTH688A or HLTH740.* Management and leadership skills for effective public health planning, organization, management and administration. Emphasis is on the role of institutions in learning and behavioral change process, organizational theory, administration management, and coordinating provision of community health services.

0101	Shivonne Laird	Seats (Total: 10)
	Meets May 28, 2013 - July 7, 2013	
	MW 6:00pm - 9:45pm	TWS 1106

HLSA688 **Independent Study**

HLSA688 Independent Study; (1-6 credits) Grade Method: REG/AUD.

0101	Laura Wilson	Seats (Total: 1)
	Meets May 28, 2013 - July 7, 2013	
	Contact instructor or department for details.	
0201	Laura Wilson	Seats (Total: 1)
	Meets July 8, 2013 - August 18, 2013	
	Contact instructor or department for details.	

HLSA689 **Field Work in Aging**

HLSA689 Field Work in Aging; (1-6 credits) Grade Method: REG.

0101	Laura Wilson	Seats (Total: 1)
	Meets May 28, 2013 - July 7, 2013	
	Contact instructor or department for details.	
0201	Laura Wilson	Seats (Total: 2)
	Meets July 8, 2013 - August 18, 2013	
	Contact instructor or department for details.	

HLSA730 **Healthcare Human Resources**

HLSA730 Healthcare Human Resources; (3 credits) Grade Method: REG/AUD. Provides an introduction to the management of human resources in the healthcare setting using basic human resources management doctrine common to all industries. Content includes principles and methods of personnel including employment, recruitment, selection, retention, training and development, compensation including wage and salary administration performance appraisal, job analysis and labor relations.

0201	Christopher King	Seats (Total: 10)
	Meets July 8, 2013 - August 18, 2013	
	Sa 8:00am - 3:00pm	CHM 1224

HLSA750 **Healthcare Management Information Systems**

HLSA750 Healthcare Management Information Systems; (3 credits) Grade Method: REG/AUD.
Provides a background and overview of the analysis, design, evaluation, selection, installation, use, and mangement of information systems in health care settings. Students will review the information management function and value of information and the role of information technology in the provision of high quality care and management decision making. Details on computer hardware, software, networking, and telecommunications sufficient for understanding of concepts relevant to health care managers and staff will be addressed.

WB11	Chiehwen Hsu	Seats (Total: 20)
	Meets May 28, 2013 - July 7, 2013	
	Class time/details on ELMs	ONLINE

HLSA785 **Internship in Public Health**

HLSA785 Internship in Public Health; (3 credits) Grade Method: REG/AUD.
Prerequisite: Permission of SPHL-Health Services Administration department.
Internship and seminar providing an opportunity to apply previously acquired knowledge and skills in a health or allied health organization. Setting of the internship will depend upon the student's background and career goals.

0101	Lori Simon-Rusinowitz	Seats (Total: 5)
	Meets May 28, 2013 - July 7, 2013	
	Contact instructor or department for details.	

HLSA786 **Capstone Project in Public Health**

HLSA786 Capstone Project in Public Health; (3 credits) Grade Method: REG/AUD.
Prerequisite: Permission of SPHL-Health Services Administration department.
Capstone experience provding opportunity to apply knowledge and skills to a specific public health problem or issue. Completion of project relevant to public health under the direction of an advisor.

0102	Jack Meyer	Seats (Total: 5)
	Meets May 28, 2013 - July 7, 2013	
	Contact instructor or department for details.	

0103	Lori Simon-Rusinowitz **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 5)
0104	Laura Wilson **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 5)
0105	Jie Chen **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 5)
0106	Karoline Mortensen **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 5)
0107	Rada Dagher **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 5)
0202	Jack Meyer **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 5)
0203	Lori Simon-Rusinowitz **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 5)
0204	Laura Wilson **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 5)
0205	Jie Chen **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 5)
0206	Karoline Mortensen **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 5)

0207	Rada Dagher	Seats (Total: 5)
	Meets July 8, 2013 - August 18, 2013	
	Contact instructor or department for details.	

HLSA898 **Pre-Candidacy Research**

HLSA898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F.
Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HLSA899 **Doctoral Dissertation Research**

HLSA899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F.
Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HLTH Health Summer 2013

HLTH106 **Drug Use and Abuse**

HLTH106 Drug Use and Abuse; (3 credits) Grade Method: REG/P-F/AUD.
An interdisciplinary analysis of contemporary drug issues and problems. The course will examine physiological, psychological, social, philosophical, historical, legal and health aspects of drug use and abuse. Special attention will be focused on those general motivations for drug use that attend life on the college campus.

WB31	Tracy Zeeger	Seats (Total: 55)
	Meets May 28, 2013 - June 14, 2013	
	Class time/details on ELMs	ONLINE

HLTH140 **Personal and Community Health**

HLTH140 Personal and Community Health; (3 credits) Grade Method: REG/P-F/AUD.
Meaning and significance of physical, mental and social health as related to the individual and to society; important phases of national health problems; constructive methods of promoting health of the individual and the community.

WB11	Jessica Jordan	Seats (Total: 40)
	Meets May 28, 2013 - July 7, 2013	
	Class time/details on ELMs	ONLINE

HLTH222 **Optimizing Health & Athletic Performance**

HLTH222 Optimizing Health & Athletic Performance; (3 credits) Grade Method: REG/P-F/AUD.
The conceptual & theoretical knowledge surrounding the enhancement of health & physical performance through sound behavioral & nutritional practices. Topics include pre post activity fueling, hydration, body composition management, commercial supplements, and health behavior strategies.

0501	Jane Jakubczak	Seats (Total: 40)
	Meets June 17, 2013 - July 26, 2013	
	MTuWTh 9:15am - 11:00am	SPH 1302

HLTH289 **Topical Investigations**

HLTH289 *(PermReq)* **Topical Investigations; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HLTH289A **Topical Investigations; Western Europe: HIV/AIDS in Western Europe**
Contact department for information to register for this course.

HLTH377 **Human Sexuality**

HLTH377 Human Sexuality; (3 credits) Grade Method: REG/P-F/AUD.
The biological and developmental aspects of human sexuality; the psychological and emotional aspects of sexual behavior; sexual identity; the historical, cultural, social, linguistic, legal and moral forces affecting sexual issues; the importance of communication, disclosure and intimacy in interpersonal relationships; and research trends in the area of human sexuality.

0201	Denise Bellows	Seats (Total: 40)
	Meets July 8, 2013 - August 18, 2013	
	MTuWTh 10:00am - 11:45am	SPH 1301

WB31	Robin Sawyer	Seats (Total: 180)
	Meets May 28, 2013 - June 14, 2013	
	Class time/details on ELMs	ONLINE

HLTH386 **Experiential Learning**

HLTH386 Experiential Learning; (3-6 credits) Grade Method: REG/P-F.
Prerequisite: Permission of SPHL-Behavioral & Community Health department.
Restriction: Junior standing or higher.

0201	Katherine Sharp	Seats (Total: 5)
	Meets July 8, 2013 - August 18, 2013	
	Contact instructor or department for details.	

HLTH389 **Topical Investigations**

HLTH389 Topical Investigations; (1-3 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HLTH471 **Women's Health**

HLTH471 Women's Health; (3 credits) Grade Method: REG/P-F/AUD. CORE Diversity (D) Course.
Restriction: Must be in a major within SPHL-Behavioral & Community Health department; or must be in a major within ARHU-Women's Studies department. Also offered as: WMST471. Credit only granted for: HLT471 or WMST471. The historical, physiological, psychological, and sociological mechanisms which contribute to women's health. Topics will include gynecological concerns and reproductive health; nutrition, exercise; violence; substance use/abuse; and the health of special populations. The major restriction does not apply during the Summer and Winter semest ers.

0101	Anne Anderson-Sawyer	Seats (Total: 40)
	Meets May 28, 2013 - July 7, 2013	
	MW 5:00pm - 8:45pm	SPH 0308

HLTH476 **Death Education**

HLTH476 Death Education; (3 credits) Grade Method: REG/P-F/AUD.
Examination of the genesis and development of present day death attitudes and behavior by use of a multidisciplinary life cycle approach.

WB31	Jennifer Hodgson	Seats (Total: 40)
	Meets May 28, 2013 - June 14, 2013	
	Class time/details on ELMs	ONLINE

HLTH498A **Special Topics in Health; Massage Therapy**

HLTH498A Special Topics in Health: Massage Therapy; (3 credits) Grade Method: REG/P-F/AUD.

0101	Geoffrey Gilbert	Seats (Total: 30)
	Meets May 28, 2013 - July 7, 2013	
	MW 2:00pm - 5:40pm	SPH 0107

HLTH498L **Special Topics in Health; Health Literacy**

HLTH498L Special Topics in Health: Health Literacy; (3 credits) Grade Method: REG/P-F/AUD.
Examination of health literacy science with the aim of developing public health skills & practice to reducde health disparities & improve health outcomes.

WB41	Bonnie Braun	Seats (Total: 30)
	Meets July 8, 2013 - July 26, 2013	
	Class time/details on ELMs	ONLINE

HLTH498T **Special Topics in Health; Medical Terminology**

HLTH498T Special Topics in Health: Medical Terminology; (3 credits) Grade Method: REG/P-F/AUD.
"On-line course"

WB21	Katherine Sharp	Seats (Total: 125)
	Meets July 8, 2013 - August 16, 2013	
	Class time/details on ELMs	ONLINE

HLTH665 **Health Behavior I**

HLTH665 Health Behavior I; (3 credits) Grade Method: REG/AUD.
The psychological, social psychological, and sociological theories of health behavior. The relation of health knowledge, beliefs, attitudes, intentions, and behavior to preventive, illness, sick-role, and health utilization behaviors.

0101	Robert Feldman	Seats (Total: 25)
	Meets May 28, 2013 - July 7, 2013	
	TuTh 6:00pm - 9:45pm	SPH 0301

HLTH688 **Special Problems in Health Education**

HLTH688 *(PermReq)* **Special Problems in Health Education; (1-6 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HLTH688I **Special Problems in Health Education; International Public Health_Germany**
Contact department for information to register for this course.

HLTH688L **Special Problems in Health Education; Health Literacy Seminar**

HLTH688L Special Problems in Health Education: Health Literacy Seminar; (3 credits) Grade Method: REG/AUD.

WB41	Bonnie Braun	Seats (Total: 20)
	Meets July 8, 2013 - July 26, 2013	
	Class time/details on ELMs	ONLINE

HLTH786 **Capstone Project in Public Health**

HLTH786 Capstone Project in Public Health; (3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: Must have completed all required coursework; and permission of SPHL-Behavioral & Community Health department. Restriction: Must be in a major within SPHL-Behavioral & Community Health department. Capstone experience providing opportunity to apply knowledge and skills to a specific public health problem or issue. Completion of project relevant to public health under the direction of an advisor.

Contact department for information to register for this course.

HLTH799 **Master's Thesis Research**

HLTH799 Master's Thesis Research; (1-6 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HLTH898 **Pre-Candidacy Research**

HLTH898 *(PermReq)* **Pre-Candidacy Research; (1-8 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HLTH899 **Doctoral Dissertation Research**

HLTH899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

HONR Honors Summer 2013

HONR238R **Honors Seminar: Terrorism**

HONR238R Honors Seminar: Terrorism; (3 credits) Grade Method: REG/P-F/AUD. CORE Social or Political History (SH) Course. GenEd: Distributive Studies - History and Social Sciences.

0101	Edwin Smead	Seats (Total: 20)
	Meets May 28, 2013 - July 7, 2013	
	TuTh 2:00pm - 5:15pm	TWS 1107

HONR249B **Honors Seminar; UK: Liberty, Slavery and the British Empire**
Contact department for information to register for this course.

HONR258N **Honors Seminar; Exploring Confucius' China**
Contact department for information to register for this course.

HONR278T **Honors Seminar; London: Cultural Capital**
Contact department for information to register for this course.

HONR298A **Honors Seminar; Croatia: At the Doorsteps of the European Union- Leaving Behind the Memories**
Contact department for information to register for this course.

HONR338A **Advanced Honors Seminar; Italy and Landscape Architecture**
Contact department for information to register for this course.

HONR338D **Advanced Honors Seminar; Italy: Landscape Architecture, Architecture and Music**
Contact department for information to register for this course.

HONR348Z **Advanced Honors Seminar; Cameroon: European Colonialism**
Contact department for information to register for this course.

HONR349L **Honors Colloquium; Ireland: James Joyce's Dublin**
Contact department for information to register for this course.

INFM Information Management Summer 2013

INFM702 **User Interaction with Information Systems**

INFM702 User Interaction with Information Systems; (3 credits) Grade Method: REG/AUD.
Interactive user interfaces for information systems, including models of human information processing and decision making. Techniques of usability evaluation.

0101	Vera Rhoads	Seats (Total: 20)
	Meets May 28, 2013 - July 7, 2013	
	TuTh 6:00pm - 9:15pm	HBK 1108

INFM719 **Independent Study**

INFM719 Independent Study; (1-3 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

INFM736 **Information Management Experience**

INFM736 Information Management Experience; (3 credits) Grade Method: S-F. *Prerequisite: INFM600; and INFM612; and INFM605; and INFM603. Or permission of instructor. Restriction: Permission of INFO-College of Information Studies.* Information issues within organizational frameworks. Integrated experiential learning opportunity.

0101	Brian Butler	Seats (Total: 10)
	Meets May 28, 2013 - August 16, 2013	
	Contact instructor or department for details.	

INFM747 **Web-Enabled Databases**

INFM747 Web-Enabled Databases; (3 credits) Grade Method: REG/AUD. *Prerequisite: INFM603 or LBSC690; or permission of instructor. Restriction: Permission of INFO-College of Information Studies. Credit only granted for: INFM747 or INFM718N. Formerly: INFM718N.* Basic methods and tools for developing dynamic, database-driven web sites. Acquiring, installing, and running web servers, database servers, and connectability applications. Developing web interfaces and application-layer components.

WB21	Vedat Diker	Seats (Total: 20)
	Meets July 8, 2013 - August 18, 2013	
	Class time/details on ELMs	ONLINE

INFM799 **Master's Thesis Research**

INFM799 Master's Thesis Research; (1-6 credits) Grade Method: REG/S-F.

0103	Brian Butler	Seats (Total: 5)
	Meets May 28, 2013 - July 7, 2013	
	Contact instructor or department for details.	

INST Information Studies Summer 2013

INST633 **Analyzing Social Networks and Social Media**

INST633 Analyzing Social Networks and Social Media; (3 credits) Grade Method: REG.
Restriction: Permission of INFO-College of Information Studies. Credit only granted for: LBSC708L or INST633. Formerly: LBSC708L. Introduces students to the science and social science of network analysis. Through real world examples, including analysis of their own social networks, students will develop skills for describing and understanding the patterns and usage of services like Facebook, Twitter, YouTube, and others. Students will read classic and cutting edge articles and books about these topics and discuss their applicability to this new social media. The class will culminate with a capstone project in which students will apply the analysis methods they have learned to understanding a particular question about social networks and social media.

SG20	Jennifer Golbeck	Seats (Total: 25)
	Meets July 8, 2013 - August 18, 2013	
	Class time/details on ELMs	ONLINE

INST701 **Introduction to Research Methods**

INST701 Introduction to Research Methods; (3 credits) Grade Method: REG/AUD.
Restriction: Permission of INFO-College of Information Studies. Credit only granted for: LBSC701, INFM718M or INST701. Formerly: LBSC701, INFM718M. Techniques and strategies of research as applied to the definition, investigation, and evaluation of information problems. Qualitative, quantitative, and mixed methods of research design methods are considered from the aspects of implementation, analysis, and interpretation.

ML21	Cherie Givens	Seats (Total: 20)
	Meets July 8, 2013 - August 18, 2013	
	Class time/details on ELMs	ONLINE
	Restricted to LBSO students only.	

INST714 **Information for Decision-Making**

INST714 Information for Decision-Making; (3 credits) Grade Method: REG/AUD. *Credit only granted for: INFM718A, INST714 or LBSC705. Formerly: INFM718A and LBSC705.* The use of information in organizational and individual decision-making. Managers' behavior in using information, differences between the private and public sectors, and the roles of information professionals and information systems in decision-making.

ML11	Vedat Diker	Seats (Total: 20)
	Meets May 28, 2013 - July 7, 2013	
	Class time/details on ELMs	ONLINE
	Restricted to LBSO students only.	

INST715 **Knowledge Management**

INST715 Knowledge Management; (3 credits) Grade Method: REG/AUD. *Prerequisite: Permission of INFO-College of Information Studies. Credit only granted for: INST715 or LBSC715. Formerly: LBSC715.* Nature, creation, acquisition, and use of knowledge. Strategic role of knowledge in organizations and institutions. Information and knowledge ecology. Structure and functions of knowledge management systems and the role of the Internet and intranets. Knowledge as intellectual capital. Roles of librarians and information professionals in the knowledge economy. Strategic issues and future trends.

WB11	Taverekere Srikantaiah	Seats (Total: 25)
	Meets May 28, 2013 - July 7, 2013	
	Class time/details on ELMs	ONLINE

INST717 **Internship Practicum in Human-Computer Interactions**

INST717 Internship Practicum in Human-Computer Interactions; (3 credits)
Grade Method: REG/AUD.
Prerequisite: INST631 and INST632. Recommended: INST701. Restriction: Permission of INFO-College of Information Studies; and must be in Human-Computer Interaction (Master's) program. Required, supervised experience working in an industry, government, non-profit organization or an educational institution to address a problem in Human-Computer Interaction. Students will spend a minimum of 120 hours working in the agency during the internship. The class will meet on campus May 28 from 3:00pm to 6:00pm and August 12, 13, and 14 from 3:00pm to 6:00pm in HBK 4113 for lecture and presentation sessions in addition to the minimum 120 hours of field experience

0101	Evan Golub	Seats (Total: 25)
	Meets May 28, 2013 - August 18, 2013	
	Contact instructor or department for details.	

INST729F **International Opportunities in Information Studies; Follow the Fringe: Documentation and Preservation of Cultur al Movements in Media_U.K.**
Contact department for information to register for this course.

INST810 **Individual Research Experience**

INST810 Individual Research Experience; (3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Credit only granted for: INST810 or LBSC810. Formerly: LBSC810. Pre-candidacy individual research experience directed by a faculty member.

Contact department for information to register for this course.

ISRL Israel Studies Summer 2013

ISRL349X **Investigating Topics in Israel Studies; Conflict Resolution - The Israeli Palestinian Experiment**

ISRL349X Investigating Topics in Israel Studies: Conflict Resolution - The Israeli Palestinian Experiment; (3 credits) Grade Method: REG/P-F/AUD.
Also offered as GVPT309X. This groundbreaking interactive course provides an in-depth understanding of this conflict using simulations exploring contending historical perspectives and the search for common ground. Topics include Jerusalem, refugees, settlements, water rights, border disputes and security concerns. Professor Manuel Hassassian is the Palestinian Ambassador in the United Kingdom. Professor Edy Kaufman has been the Director of both the Harry S. Truman Institute for the Advancement of Peace at the Hebrew University of Jerusalem and the Center for International Development and Conflict Management at UMD and is concurrently teaching at the Interdisciplinary Center in Herzliya, Israel. In addition to the scheduled class time, the course will also meet on Saturday, August 10th and Sunday, August 11th from 9:00am-6:45pm for an interactive conflict resolution workshop. Click here for more course information. Vist us on You Tube for more course information.

0601	M. Hassassian, Edward Kaufman	Seats (Total: 35)
	Meets July 29, 2013 - August 16, 2013	
	TuTh 6:00pm - 9:20pm	TYD 2110
	Students who wish to register for this section after July 13, 2012, please e-mail summer@umd.edu .	

ITAL Italian Summer 2013

ITAL103 **Intensive Elementary Italian**
Contact department for information to register for this course.

ITAL169C **Special Topics in Study Abroad I; Italian Conversation**
Contact department for information to register for this course.

ITAL169E **Special Topics in Study Abroad I; Elementary Italian I**
Contact department for information to register for this course.

ITAL169I **Special Topics in Study Abroad I; Intensive Intermediate Italian I**
Contact department for information to register for this course.

ITAL169R **Special Topics in Study Abroad I; Introduction to Italian Language and Culture**
Contact department for information to register for this course.

ITAL169Y **Special Topics in Study Abroad I; Introduction to Italian Language I**
Contact department for information to register for this course.

ITAL169Z **Special Topics in Study Abroad I; Introduction to Italian Language II**
Contact department for information to register for this course.

ITAL203 **Intensive Intermediate Italian**

ITAL203 Intensive Intermediate Italian; (4 credits) Grade Method: REG/P-F/AUD. CORE Humanities (HO) Course.
Prerequisite: ITAL103; or must have appropriate Foreign Language Placement Test (FLPT) score. Restriction: Must not have completed ITAL122; and must not be a fluent/native speaker of Italian. Credit only granted for: ITAL203 or ITAL122. Covers speaking, reading, writing, listening, and culture of Italian-speaking world.

0201	Joseph Falvo	Seats (Total: 25)
	Meets July 8, 2013 - August 18, 2013	
	MTuWTh 9:00am - 11:15am	SQH 2122

ITAL204 **Review Grammar and Composition**
Contact department for information to register for this course.

ITAL207 **Reading and Writing in Italian**
Contact department for information to register for this course.

ITAL211 **Intermediate Conversation**
Contact department for information to register for this course.

ITAL269I **Special Topics in Study Abroad II; Intensive Intermediate Italian I**
Contact department for information to register for this course.

ITAL301 **Italian Composition**
Contact department for information to register for this course.

ITAL369A **Special Topics in Study Abroad III; Italian Culture I**
Contact department for information to register for this course.

ITAL369W **Special Topics in Study Abroad III; Composition and Style**

Contact department for information to register for this course.

ITAL431 **Italian Civilization in Translation**
Contact department for information to register for this course.

ITAL471 **Italian Cinema: A Cultural Approach in Translation**
Contact department for information to register for this course.

ITAL499P **Special Topics in Italian Studies; Italian Politics in Film**
Contact department for information to register for this course.

JAPN Japanese Summer 2013

JAPN101 **Elementary Japanese I**

JAPN101 Elementary Japanese I; (6 credits) Grade Method: REG.
Introduction to basic patterns of contemporary spoken Japanese and to the two phonetic syllabaries (Katakana and Hiragana).

0101	Kumiko Akikawa	Seats (Total: 15)
	Meets May 28, 2013 - July 7, 2013	
	MTuWThF 9:30am - 12:20pm	EDU 0212

JAPN102 **Elementary Japanese II**

JAPN102 Elementary Japanese II; (6 credits) Grade Method: REG.
Prerequisite: Minimum grade of C- in JAPN101; or permission of instructor. Continued introduction to the basic spoken patterns of contemporary Japanese.

0201	Carlos Pimentel	Seats (Total: 15)
	Meets July 8, 2013 - August 18, 2013	
	MTuWThF 9:30am - 12:20pm	JMZ 1117

JAPN201 **Intermediate Japanese I**

JAPN201 Intermediate Japanese I; (6 credits) Grade Method: REG. CORE Humanities (HO) Course.
Prerequisite: Minimum grade of C- in JAPN102; or permission of instructor.
Contemporary spoken and written Japanese.

0101	Etsuko Yamakita	Seats (Total: 15)
	Meets May 28, 2013 - July 7, 2013	
	MTuWThF 9:30am - 12:20pm	KNI 1103

JAPN202 **Intermediate Japanese II**

JAPN202 Intermediate Japanese II; (6 credits) Grade Method: REG. CORE Humanities (HO) Course.
Prerequisite: Minimum grade of C- in JAPN201; or permission of instructor.
Contemporary spoken and written Japanese.

0201	Makiko Inoue	Seats (Total: 15)
	Meets July 8, 2013 - August 18, 2013	
	MTuWThF 9:30am - 12:20pm	EDU 1315

JAPN499T **Directed Study in Japanese; Experiencing Japanese Life: Language and Culture in Kyoto a nd Beyond**
Contact department for information to register for this course.

JOUR Journalism Summer 2013

JOUR150 **Introduction to Mass Communication**

JOUR150 *(PermReq)* **Introduction to Mass Communication; (3 credits)** Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. GenEd: Distributive Studies - Scholarship in Practice.
Restriction: Not open to students who have completed JOUR100 prior to Fall 1999.
Additional information: Not applicable toward journalism major. Survey of the functions and effects of the mass media in the United States. A consumer's introduction to newspapers, television, radio, film, sound recording, books, magazines, and new media technology.

YS41	Soo-Kwang Oh	Seats (Total: 18)
	Meets July 8, 2013 - July 26, 2013	
	MTuWThF 10:00am - 1:00pm	KNI 2107
	This section is part of The Young Scholars Program. Enrollment by permission only.	

JOUR175 **Media Literacy**

JOUR175 Media Literacy; (3 credits) Grade Method: REG/P-F/AUD. CORE Interdisciplinary & Emerging Issues (IE) Course. CORE Diversity (D) Course. GenEd: Distributive Studies - Scholarship in Practice; Diversity - Understanding Plural Societies.
Additional information: Not applicable toward journalism major. An analysis of the information, values and underlying messages conveyed via television, newspapers, the internet, magazines, radio and film. Examines the accuracy of those messages and explores how media shape views of politics, culture and society.

0301	Susan Moeller **Meets May 28, 2013 - June 14, 2013** MTuWTh 9:00am - 12:25pm	Seats (Total: 18) KNI 2107
0601	Soo-Kwang Oh **Meets July 29, 2013 - August 16, 2013** MTuWTh 10:00am - 1:20pm	Seats (Total: 10) KNI 1208
FF61	Soo-Kwang Oh **Meets July 29, 2013 - August 16, 2013** MTuWTh 10:00am - 1:20pm *Restricted to students in Freshman First. For Program information click here .*	Seats (Total: 10) KNI 1208

JOUR181 **Grammar for Journalists**

JOUR181 Grammar for Journalists; (1 credit) Grade Method: REG/P-F/AUD. *Credit only granted for: ENGL181, ENGL281, or JOUR181.* An examination of the basic structure of written English needed for precise journalistic writing. Parts of speech, sentence patterns, standard punctuation, diction, and usage will be examined with an emphasis on its application in journalism. Class will meet first three weeks of the semester.

0301	Linda Coleman **Meets May 28, 2013 - June 14, 2013** TuTh 9:00am - 11:40am	Seats (Total: 30) TWS 3134

JOUR199 **Survey Apprenticeship; Survey Apprenticeship**

JOUR199 *(PermReq)* **Survey Apprenticeship: Survey Apprenticeship; (1 credit)** Grade Method: S-F.

I101	Tamara Cooke Henry **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 50)
I201	Tamara Cooke Henry **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 50)

JOUR200 **Journalism History, Roles and Structures**

JOUR200 Journalism History, Roles and Structures; (3 credits) Grade Method: REG/P-F/AUD.
Introduction to the study of journalism from the standpoint of media history and sociology.

0101	Kristin Eckert **Meets May 28, 2013 - July 7, 2013** MW 9:00am - 12:45pm	Seats (Total: 25) KNI 3202

JOUR201 **News Writing and Reporting I**

JOUR201 *(PermReq)* **News Writing and Reporting I; (3 credits)** Grade Method: REG.
Prerequisite: Minimum grade of C- in ENGL101, JOUR181, and JOUR200; and permission of JOUR-Philip Merrill College of Journalism. Restriction: For students intending to be journalism majors; and permission of JOUR-Philip Merrill College of Journalism. Introduction to news for the print and electronic media, development of new concepts: laboratory in news-gathering tools and writing skills. Students who earned 80% or higher on the JOUR181 diagnostic are exempt from the JOUR181 prerequisite.

0101	Tamara Cooke Henry **Meets May 28, 2013 - July 7, 2013** MTuWThF 10:00am - 11:40am	Seats (Total: 16) KNI 2103

JOUR262 **Broadcast Studio and Field Production**

JOUR262 *(PermReq)* **Broadcast Studio and Field Production; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: JOUR203. Also offered as: JOUR503. Credit only granted for: JOUR262 or JOUR503. This skills based course is designed to introduce students to the production and content standards of professional video production for the broadcast and Internet news.

0201	Bethany Swain	Seats (Total: 7)
	Meets July 8, 2013 - August 18, 2013	
	TuTh 12:30pm - 3:45pm	KNI 3210
	Contact instructor or department for details.	

JOUR300 **Journalism Ethics**

JOUR300 *(PermReq)* **Journalism Ethics; (3 credits)** Grade Method: REG.
Prerequisite: JOUR201. Restriction: Must be in a major in JOUR-Philip Merrill College of Journalism. Examination of ethical problems in news writing and reporting.

0201	Christopher Hanson	Seats (Total: 15)
	Meets July 8, 2013 - August 18, 2013	
	TuTh 9:00am - 12:15pm	KNI 1103

JOUR398 **Independent Study**

JOUR398 Independent Study; (1-3 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Contact department to make arrangements. Consult in JRN 1117 for section code corresponding to faculty member.

Contact department for information to register for this course.

JOUR399 **Supervised Internship**

JOUR399 *(PermReq)* **Supervised Internship; (1 credit)** Grade Method: REG. Prerequisite: C or better in JOUR320 or JOUR360.

I101	Christine Harvey	Seats (Total: 100)
	Meets May 28, 2013 - August 16, 2013	
	Contact instructor or department for details.	

JOUR400 **Media Law**

JOUR400 *(PermReq)* **Media Law; (3 credits)** Grade Method: REG.
Prerequisite: JOUR320, JOUR360, or JOUR501. Restriction: Junior standing or higher. Legal rights and constraints of mass media; libel, privacy, copyright, monopoly, contempt, and other aspects of the law applied to mass communication. Previous study of the law not required.

0201	Sandra Banisky	Seats (Total: 30)
	Meets July 8, 2013 - August 18, 2013	
	MW 1:30pm - 4:50pm	KNI 1103

JOUR434 **Salzburg Seminar: Global Media Literacy**
Contact department for information to register for this course.

JOUR435 **Salzburg Seminar: Global Change, Global Cooperation**
Contact department for information to register for this course.

JOUR459J **Special Topics in Journalism; Photography and the Photo Essay**

JOUR459J Special Topics in Journalism: Photography and the Photo Essay; (3 credits) Grade Method: REG/P-F/AUD.
This course explores how photographers tell stories and express opinions through the medium of the photo essay. Students will investigate what kinds of information photo essays can communicate uniquely well - and what they cover poorly. Students will create two online (or in print) photo essays of their own (suitable for a job portfolio). Formal photographic training or professional equipment is not necessary for the course.

0301	Susan Moeller	Seats (Total: 16)
	Meets May 28, 2013 - June 14, 2013	
	MTuWTh 1:25pm - 4:50pm	KNI 2107

JOUR501 **Fundamentals of Writing and Editing**

JOUR501 *(PermReq)* **Fundamentals of Writing and Editing; (3 credits)** Grade Method: REG/AUD.
Prerequisite: Permission of JOUR-Philip Merrill College of Journalism. Principles of news and feature writing. For graduate students with limited prior training or experience in journalism.

0101	Rafael Lorente	Seats (Total: 18)
	Meets May 28, 2013 - July 7, 2013	
	MTuWThF 9:00am - 10:40am	KNI 2105

JOUR504 **Introduction to Multimedia Skills**

JOUR504 *(PermReq)* **Introduction to Multimedia Skills; (3 credits)** Grade Method: REG/AUD.
Corequisite: JOUR501; or permission of instructor. Restriction: Permission of JOUR-Philip Merrill College of Journalism. Credit only granted for: JOUR504 or JOUR628G. Formerly: JOUR628G. Examining the basics of producing and editing digital photos, video, and audio. Topics include: framing, lighting, and other aspects of composition; sequencing, using wide, medium, and tight shots; and ethical considerations when collecting sound and visuals.

0101	Bethany Swain	Seats (Total: 15)
	Meets May 28, 2013 - July 7, 2013	
	TuTh 12:00pm - 3:45pm	KNI 2105

JOUR600 **Journalism Ethics**

JOUR600 *(PermReq)* **Journalism Ethics; (3 credits)** Grade Method: REG/AUD.
Prerequisite: Permission of JOUR-Philip Merrill College of Journalism. Examination of ethical problems in journalism and the media industry.

0201	Christopher Hanson	Seats (Total: 15)
	Meets July 8, 2013 - August 18, 2013	
	TuTh 9:00am - 12:15pm	KNI 1103

JOUR603 **Reporting for Broadcast**

JOUR603 *(PermReq)* **Reporting for Broadcast; (3 credits)** Grade Method: REG/AUD.
Corequisite: JOUR501; or permission of JOUR-Philip Merrill College of Journalism. Restriction: Permission of JOUR-Philip Merrill College of Journalism. Credit only granted for: JOUR503 or JOUR603. Formerly: JOUR503. Designed to introduce students to the production and content standards of professional writing and video production for broadcast and Internet News.

0201	Bethany Swain	Seats (Total: 4)
	Meets July 8, 2013 - August 18, 2013	
	TuTh 12:30pm - 3:45pm	KNI 3210
	Contact instructor or department for details.	

JOUR620 **Public Affairs Reporting**

JOUR620 *(PermReq)* **Public Affairs Reporting; (3 credits)** Grade Method: REG/AUD.
Prerequisite: JOUR501; or permission of JOUR-Philip Merrill College of Journalism. Designed to add to and sharpen the skills learned in JOUR501. It is primarily an introduction to "beat" reporting that allows students to sample the most common new beats while reporting and writing on deadline. Students are required to develop and hone their multimedia skills by reporting in a variety of media.

0201	Sandra Banisky	Seats (Total: 14)
	Meets July 8, 2013 - August 18, 2013	
	MW 9:00am - 12:20pm	KNI 3210

JOUR698 **Special Problems in Communication**

JOUR698 Special Problems in Communication; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

JOUR700 **Seminar in Media Law**

JOUR700 *(PermReq)* **Seminar in Media Law; (3 credits)** Grade Method: REG/AUD. *Restriction: Must be in one of the following programs (Journalism - Master (Master's); Journalism Studies (Doctoral)) ; or permission of JOUR-Philip Merrill College of Journalism. Credit only granted for: JOUR400, JOUR700, or JOUR755. Formerly: JOUR755.* Legal rights and constraints of mass media; libel, privacy, copyright, monopoly, and contempt, and other aspects of the law applied to mass communication.

0201	Sandra Banisky	Seats (Total: 5)
	Meets July 8, 2013 - August 18, 2013	
	MW 1:30pm - 4:50pm	KNI 1103

JOUR734 **Salzburg Seminar: Global Media Literacy**
Contact department for information to register for this course.

JOUR735 **Salzburg Seminar: Global Change, Global Cooperation**
Contact department for information to register for this course.

JOUR798 **Master's Professional Fieldwork**

JOUR798 Master's Professional Fieldwork; (1-6 credits) Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

JOUR799 **Master's Thesis Research**

JOUR799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

JOUR888 **Doctoral Professional Field Work**

JOUR888 Doctoral Professional Field Work; (3-9 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

JOUR889 **Doctoral Tutorial in Journalism and Public Communication**

JOUR889 Doctoral Tutorial in Journalism and Public Communication; (3-9 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

JOUR898 **Pre-Candidacy Research**

JOUR898 *(PermReq)* **Pre-Candidacy Research; (1-8 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

JOUR899 **Doctoral Dissertation Research in Journalism and Mass Communication**

JOUR899 Doctoral Dissertation Research in Journalism and Mass Communication; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

JWST Jewish Studies Summer 2013

JWST289T **The Practice of Tolerance in Religious Societies**

JWST289T The Practice of Tolerance in Religious Societies; (3 credits) Grade Method: REG/P-F/AUD. CORE Humanities (HO) Course. CORE Diversity (D) Course. GenEd: Distributive Studies - Humanities; Diversity - Understanding Plural Societies; Signature Courses - I-Series.
Also offered as HIST289G and RELS289T.

WB21	Bernard Cooperman	Seats (Total: 40)
	Meets July 8, 2013 - August 18, 2013	
	Class time/details on ELMs	ONLINE

JWST369A **Special Topics in Study Abroad III; The Holocaust: 20th Century Jewish Thought**
Contact department for information to register for this course.

JWST499 **Independent Study in Jewish Studies; Independent Study in Jewish Studies**

JWST499 Independent Study in Jewish Studies: Independent Study in Jewish Studies; (3 credits) Grade Method: REG/P-F/AUD.

0217	Matthew Suriano	Seats (Total: 1)	
	Meets July 8, 2013 - August 18, 2013		
	Contact instructor or department for details.		

KNES Kinesiology Summer 2013

KNES131D **Physical Education Activities: Coed; Dance: Salsa (Beginning)**

KNES131D Physical Education Activities: Coed: Dance: Salsa (Beginning); (1 credit) Grade Method: REG/P-F.
Attendance is required beginning the first day of class.

0201	Barbara Bernstein	Seats (Total: 20)	
	Meets July 8, 2013 - August 18, 2013		
	MTuTh 3:00pm - 5:00pm	SPH 0128	Lab

KNES134O **Physical Education Activities: Coed; Bowling (Intermediate)**

KNES134O Physical Education Activities: Coed: Bowling (Intermediate); (1 credit) Grade Method: REG/P-F/AUD.
Attendance is required the first day of class. Students must pay a $40 facility fee plus bowling shoes are required.

0401	Kevin Alexander	Seats (Total: 40)	
	Meets July 8, 2013 - July 26, 2013		
	MTuWThF 8:00am - 10:00am	SSU B106	

KNES137N **Physical Education Activities: Coed; Golf (Beginning)**

KNES137N Physical Education Activities: Coed: Golf (Beginning); (1 credit)
Grade Method: REG/P-F.
Attendance is required beginning the first day of class.

0101	Jeff Maynor	Seats (Total: 24)	
	Meets May 28, 2013 - July 7, 2013		
	TuWTh 1:00pm - 2:40pm	GLF 1102	Lab
0201	Jeff Maynor	Seats (Total: 24)	
	Meets July 8, 2013 - August 18, 2013		
	TuWTh 10:00am - 11:40am	GLF 1102	Lab

KNES137O **Physical Education Activities: Coed; Golf (Intermediate)**

KNES137O Physical Education Activities: Coed: Golf (Intermediate); (1 credit)
Grade Method: REG/P-F.
Attendance is required beginning the first day of class.

0201	Jeff Maynor	Seats (Total: 20)	
	Meets July 8, 2013 - August 18, 2013		
	TuWTh 1:00pm - 2:40pm	GLF 1102	Lab

KNES155N **Physical Education Activities: Coed; Tennis (Beginning)**

KNES155N Physical Education Activities: Coed: Tennis (Beginning); (1 credit)
Grade Method: REG/P-F.
Attendance is required beginning the first day of class.

0101	Andrew Ginsberg	Seats (Total: 20)	
	Meets May 28, 2013 - July 7, 2013		
	MTuWTh 9:00am - 10:20am	COL 1100	Lab

KNES155O **Physical Education Activities: Coed; Tennis (Intermediate)**

KNES155O Physical Education Activities: Coed: Tennis (Intermediate); (1 credit)
Grade Method: REG/P-F.
Attendance required beginning the first day of class.

0101	Andrew Ginsberg	Seats (Total: 15)	
	Meets May 28, 2013 - July 7, 2013		
	MTuWTh 9:00am - 10:20am	COL 1100	Lab

KNES157N **Physical Education Activities: Coed; Weight Training (Beginning)**

KNES157N Physical Education Activities: Coed: Weight Training (Beginning); (1 credit) Grade Method: REG/P-F.
Attendance is required beginning the first day of class.

0101	Adam Amorese	Seats (Total: 20)	
	Meets May 28, 2013 - July 7, 2013		
	MTuWTh 10:00am - 11:20am	SPH 0103	Lab

0201	Adam Amorese **Meets July 8, 2013 - August 18, 2013** MTuWTh 1:00pm - 2:20pm	Seats (Total: 15) SPH 0103	Lab
FF61	Shaun Edmonds **Meets July 29, 2013 - August 16, 2013** MTuWTh 2:30pm - 4:35pm *Restricted to students in Freshman First. For Program information click here .*	Seats (Total: 0) SPH 0103	Lab

KNES157O **Physical Education Activities: Coed; Weight Training (Intermediate)**

KNES157O Physical Education Activities: Coed: Weight Training (Intermediate); (1 credit) Grade Method: REG/P-F.
Attendance is required beginning the first day of class.

0101	Adam Amorese **Meets May 28, 2013 - July 7, 2013** MTuWTh 10:00am - 11:20am	Seats (Total: 14) SPH 0103	Lab
0201	Adam Amorese **Meets July 8, 2013 - August 18, 2013** MTuWTh 1:00pm - 2:20pm	Seats (Total: 20) SPH 0103	Lab

KNES157T **Physical Education Activities: Coed; Fight the 15: Introduction to fitness and an active lifestyle**

KNES157T Physical Education Activities: Coed: Fight the 15: Introduction to fitness and an active lifestyle; (1 credit) Grade Method: REG/P-F/AUD.

FF61	Andrea Romeo **Meets July 29, 2013 - August 16, 2013** MTuWTh 2:30pm - 4:35pm *Part of the Freshmen First Program.*	Seats (Total: 0) SPH 0308	

KNES161C **Physical Education Activities: Coed; Group Cycling (Intermediate)**

KNES161C Physical Education Activities: Coed: Group Cycling (Intermediate); (1 credit) Grade Method: REG/P-F.
Attendance is required beginning the first day of class.

0101	Andrea Romeo	Seats (Total: 20)	
	Meets May 28, 2013 - July 7, 2013		
	MTuTh 10:00am - 12:00pm	COL SB0191	

KNES161G **Physical Education Activities: Coed; Yoga for Fitness (Intermediate)**

KNES161G Physical Education Activities: Coed: Yoga for Fitness (Intermediate); (1 credit) Grade Method: REG/P-F.

0401	Anne Contee	Seats (Total: 35)	
	Meets July 8, 2013 - July 26, 2013		
	MTuThF 8:00am - 10:30am	SPH 0107	

KNES161T **Physical Education Activities: Coed; Yoga (Beginning)**

KNES161T Physical Education Activities: Coed: Yoga (Beginning); (1 credit) Grade Method: REG/P-F.
Attendance is required beginning the first day of class.

0101	Anne Contee	Seats (Total: 35)	
	Meets May 28, 2013 - July 7, 2013		
	MWF 9:30am - 11:30am	SPH 0107	Lab
0102	Laura Rush	Seats (Total: 25)	
	Meets May 28, 2013 - July 7, 2013		
	MWTh 1:30pm - 3:30pm	SPH 0128	Lab

KNES200 **Introduction to Kinesiology**

KNES200 *(PermReq)* **Introduction to Kinesiology; (3 credits)** Grade Method: REG/P-F/AUD.
Restriction: Must be in Kinesiology program; and freshman standing. Or must not be in Kinesiology program; and must have less than 60 credits. Credit only granted for: KNES200 or KNES289M. Formerly: KNES289M. An overview of kinesiology, the interdisciplinary study of physical activity. Examines human motor behavior and its cultural forms such as sport from the physiological, psychological, sociological, historical, philosophical, and biomechanical perspectives.

YS41	Jo Zimmerman	Seats (Total: 27)	
	Meets July 8, 2013 - July 26, 2013		
	MTuWThF 9:30am - 12:00pm	SPH 0124	
	TuTh 1:00pm - 4:00pm	SPH 1303	Lab
	This section is part of The Young Scholars Program. Enrollment by permission only.		

KNES260 **Science of Physical Activity and Cardiovascular Health**

KNES260 Science of Physical Activity and Cardiovascular Health; (3 credits) Grade Method: REG/P-F/AUD. CORE Life Science (LS) Course. GenEd: Distributive Studies - Natural Sciences.

Course details (1) the public health importance of and the processes underlying cardiovascular disease, (2) the risk factors for cardiovascular disease and the methods whereby they were identified, and (3) the principles of the scientific evidence supporting the use of physical activity to prevent cardiovascular disease.

WB21	James Hagberg	Seats (Total: 50)	
	Meets July 8, 2013 - August 18, 2013		
	Class time/details on ELMs	ONLINE	

KNES287 **Sport and American Society**

KNES287 Sport and American Society; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. CORE Diversity (D) Course. GenEd: Distributive Studies - History and Social Sciences; Diversity - Understanding Plural Societies.

Sport will be related to such social problems as delinquency, segregation, collective behavior, and leisure; to social processes such as socialization, stratification, mobility, and social control; and to those familiar social institutions the family, the school, the church, the military, the economy, the polity, and the mass media.

FF61	Adam Beissel	Seats (Total: 10)	
	Meets July 29, 2013 - August 16, 2013		
	MTuWTh 10:50am - 11:50am	SPH 1312	
	Class time/details on ELMs	ONLINE	Discussion
	Restricted to students in Freshman First. For Program information click here . This is a hybrid section that meets face-t o-face and has an online component.		

HY61	Adam Beissel	Seats (Total: 25)	
	Meets July 29, 2013 - August 16, 2013		
	MTuWTh 10:50am - 11:50am Class time/details on ELMs	SPH 1312 ONLINE	Discussion
	This is a hybrid section that meets face-to-face and has an online component.		
WB11	Adam Beissel	Seats (Total: 50)	
	Meets May 28, 2013 - July 7, 2013		
	Class time/details on ELMs	ONLINE	

KNES289 **Topical Investigations**

KNES289 *(PermReq)* **Topical Investigations; (1-3 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

KNES289C **Topical Investigations; Organizational Training for Youth Sport Camps**

KNES289C *(PermReq)* **Topical Investigations: Organizational Training for Youth Sport Camps; (3 credits)** Grade Method: REG.
Lecture will meet June 1-18, Mondays and Wednesdays in Glazer Auditorium, Gossett Football Team House. The labs will meet June 17-July 5 at 8:30-5p in SPH 2101.

0101	Elizabeth Brown	Seats (Total: 50)
	Meets May 28, 2013 - July 7, 2013	
	Contact instructor or department for details.	

KNES289G **Topical Investigations; Methods of Group Fitness Instruction**

KNES289G Topical Investigations: Methods of Group Fitness Instruction; (1 credit) Grade Method: REG/P-F/AUD.
Prerequisite or co-requisite: KNES289N Includes practical aspects of being a Group Fitness Instructor and prepares students to sit for the ACE Group Fitness Instructor Certification. The ACE certification exam will be offered on campus after completion of the course.

0101	Jocelyn Heminitz	Seats (Total: 25)	
	Meets May 28, 2013 - July 7, 2013		
	TuWTh 2:00pm - 4:00pm	ERC 0105	Lab

KNES289N **Topical Investigations; Essentials of Exercise Science for Fitness Professionals**

KNES289N Topical Investigations: Essentials of Exercise Science for Fitness Professionals; (2 credits) Grade Method: REG/P-F/AUD.
Covers the basic concepts of human anatomy, exercise physiology, applied kinesiology, nutrition and the physiology of training. This includes the CORE knowledge required for the American Council on Exercise (ACE) Personal Trainer and Group Fitness Instructor National Certification Exams.

0101	Rosemary Lindle	Seats (Total: 50)	
	Meets May 28, 2013 - July 7, 2013		
	TuTh 9:00am - 11:00am W 9:00am - 11:00am	SPH 0308 SPH 1303	

KNES289O **Topical Investigations; Leadership and Management of Youth Sports Camps**

KNES289O Topical Investigations: Leadership and Management of Youth Sports Camps; (3 credits) Grade Method: REG.

0101	Elizabeth Brown	Seats (Total: 50)	
	Meets May 28, 2013 - July 7, 2013		
	Contact instructor or department for details.		

KNES289P **Topical Investigations; Methods of Personal Fitness Instruction**

KNES289P Topical Investigations: Methods of Personal Fitness Instruction; (1 credit) Grade Method: REG/P-F/AUD.
Prerequisite or co-requisite: KNES289N Includes practical aspects of being a Personal Trainer and prepares students to sit for the ACE Personal Trainer Certification. The ACE certification exam will be offered on campus after completion of the course.

0101	Brianne Rowh	Seats (Total: 25)	
	Meets May 28, 2013 - July 7, 2013		
	TuWTh 12:00pm - 2:00pm	SPH 0103	Lab

KNES293 **History of Sport in America**

KNES293 History of Sport in America; (3 credits) Grade Method: REG/P-F/AUD. CORE Social or Political History (SH) Course. GenEd: Distributive Studies - History and Social Sciences.
The growth and development of sport in America. The transformation of sport within the perspective of American history, including class sport, professionalization, amateurism, and international involvement.

WB31	Damion Thomas	Seats (Total: 75)	
	Meets May 28, 2013 - June 14, 2013		
	Class time/details on ELMs	ONLINE	
WB61	Damion Thomas	Seats (Total: 75)	
	Meets July 29, 2013 - August 16, 2013		
	Class time/details on ELMs	ONLINE	

KNES300 **Biomechanics of Human Motion**

KNES300 Biomechanics of Human Motion; (4 credits) Grade Method: REG/P-F/AUD.
Prerequisite: Minimum grade of C- in BSCI201. And 1 course with a minimum grade of C- from (MATH112, MATH113, MATH115); or (must have completed one General Education: Fundamental Studies-Math course with a minimum grade of C-; and must have math eligibility of MATH140 or higher). Recommended: PHYS121. Restriction: Must be in a major within SPHL-Kinesiology department. The study of human movement and the physical and physiological principles upon which it depends. Body mechanics, posture, motor efficiency, sports, the performance of a typical individual and the influence of growth and development upon motor performance.

0201	Ross Miller	Seats (Total: 21)	
	Meets July 8, 2013 - August 18, 2013		
	MW 5:00pm - 8:30pm	SPH 1303	
	MW 2:00pm - 4:30pm	SPH 0223	Lab

KNES350 **The Psychology of Sports**

KNES350 The Psychology of Sports; (3 credits) Grade Method: REG/P-F/AUD.
GenEd: Distributive Studies - History and Social Sciences.
An exploration of personality factors, including but not limited to motivation, aggression and emotion, as they affect sports participation and motor skill performance.

WB21	J Carson Smith	Seats (Total: 75)	
	Meets July 8, 2013 - August 18, 2013		
	Class time/details on ELMs	ONLINE	

KNES360 **Physiology of Exercise**

KNES360 Physiology of Exercise; (4 credits) Grade Method: REG/P-F/AUD.
Prerequisite: Minimum grade of C- in BSCI202 and BSCI201; or permission of SPHL-Kinesiology department. Restriction: Must be in a major within SPHL-Kinesiology department. A study of the physiology of exercise, including concepts of work, muscular contraction, energy transformation, metabolism, oxygen debt, and nutrition and athletic performance. Emphasis on cardiovascular and respiratory function in relation to physical activity and training.

0101	Rosemary Lindle	Seats (Total: 18)	
	Meets May 28, 2013 - July 7, 2013		
	TuWTh 12:00pm - 2:30pm	SPH 0308	
	TuWTh 10:00am - 11:30am	SPH 0124	Lab
0102	Rosemary Lindle	Seats (Total: 18)	
	Meets May 28, 2013 - July 7, 2013		
	TuWTh 12:00pm - 2:30pm	SPH 0308	
	TuWTh 2:30pm - 4:00pm	SPH 0124	Lab

KNES370 **Motor Development**

KNES370 Motor Development; (3 credits) Grade Method: REG/P-F/AUD.
Restriction: Must be in a major within SPHL-Kinesiology department. Motor development across the life span. The developmental sequences of motor skills from birth to old age; neuromaturation of neuromuscular system; analysis of the underlying mechanisms of motor skill development; and correlates of motor development.

WB31	Marcio Oliveira	Seats (Total: 50)
	Meets May 28, 2013 - June 14, 2013	
	Class time/details on ELMs	ONLINE

KNES385 **Motor Control and Learning**

KNES385 Motor Control and Learning; (3 credits) Grade Method: REG/P-F/AUD. *Restriction: Must be in a major within SPHL-Kinesiology department.* Physiological and cognitive bases for motor control and their applications to the acquisition of movement skills and understanding of movement disorders. Topics include: neurophysiology, motor control theory, sensory/perceptual processes, perception-action coupling, information processing, memory, attention, individual differences, motivation, practice organization and role of feedback. Click here to download a draft of the course syllabus.

WB21	Rodolphe Gentili	Seats (Total: 50)
	Meets July 8, 2013 - August 18, 2013	
	Class time/details on ELMs Contact instructor or department for details.	ONLINE

KNES389 **Topical Investigations**

KNES389 *(PermReq)* **Topical Investigations; (1-3 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

KNES389A **Topical Investigations; London: Sport and Culture in the Global Marketplace**
Contact department for information to register for this course.

KNES389B **Topical Investigations; Foundations of the Global Sport Industry**
Contact department for information to register for this course.

KNES389K **Topical Investigations; Kinesiological Sciences Internship**

KNES389K *(PermReq)* **Topical Investigations: Kinesiological Sciences Internship; (3 credits)** Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: KNES major and relevant KNES major classes.

Contact department for information to register for this course.

KNES442 **Psychology of Exercise and Health**

KNES442 Psychology of Exercise and Health; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: KNES350. Restriction: Junior standing or higher. Credit only granted for: KNES442 or KNES498O. Formerly: KNES498O. Examines the antecedents and consequences of exerciese behavior. Explores motivation, attitude, control, socialization. Proposes intervention strategies at the individual, organizational and societal levels.

0301	Seppo Iso-Ahola	Seats (Total: 40)
	Meets May 28, 2013 - June 14, 2013	
	MTuWTh 4:00pm - 7:30pm	SPH 1302

KNES462 **Neural Basis of Human Movement**

KNES462 Neural Basis of Human Movement; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: BSCI202, KNES385, and BSCI201; or permission of SPHL-Kinesiology department. An introduction to the neural substrates which underlie postural and volitional movement. Neuroanatomical and neurophysiological basis of motor functioning; past and present conceptualizations of motor control and coordination; movement disorders; and maturation of the neuromuscular system.

WB11	Rodolphe Gentili	Seats (Total: 50)
	Meets May 28, 2013 - July 7, 2013	
	Class time/details on ELMs	ONLINE

KNES485 **Sport and Globalization**

KNES485 Sport and Globalization; (3 credits) Grade Method: REG/P-F/AUD.
GenEd: Diversity - Understanding Plural Societies.
Prerequisite: KNES287. Restriction: Junior standing or higher. Credit only granted for: KNES485 and KNES498T. Formerly: KNES498T. Examination of sport culture from a global perspective; focuses on theorizing the similarities and differences between various national sporting cultures.

WB31	Oliver Rick	Seats (Total: 50)
	Meets May 28, 2013 - June 14, 2013	
	Class time/details on ELMs	ONLINE

KNES497 **Kinesiology Senior Seminar**

KNES497 Kinesiology Senior Seminar; (3 credits) Grade Method: REG/P-F/AUD. CORE Capstone (CS) Course. GenEd: Distributive Studies - Scholarship in Practice. *Prerequisite: A professional writing coure with a (C-) or better; all 7 KNES core and 2 KNES options. 100 semester hours. And STAT100; or students who have taken courses with comparable content may contact the department.* Discussions of contemporary issues vital to the discipline, critiques of research in the student's area/areas of special interest, completion of a major project where the student will be asked to demonstrate the ability to carry out investigative processes in problem solving and critical writing under faculty direction.

0101	Ana Palla-Kane	Seats (Total: 15)
	Meets May 28, 2013 - August 18, 2013	
	TuTh 1:00pm - 3:00pm Contact instructor or department for details.	SPH 0307
	Summer enrollment is by permission only. Please contact Dr. Ana Palla-Kane if you are interested in enrolling in summer KNES497.	

KNES498 **Special Topics in Kinesiology; Special Topics in Kinesiology**

KNES498 *(PermReq)* **Special Topics in Kinesiology: Special Topics in Kinesiology; (3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

KNES498L **Special Topics in Kinesiology; Adapted Physical Activity, Recreation and Sports for People with Disabilities**

KNES498L Special Topics in Kinesiology: Adapted Physical Activity, Recreation and Sports for People with Disabilities; (3 credits) Grade Method: REG/P-F/AUD. Study of adapted physical activity and its impact on the health and wellness of individuals with disabilities. Design and instruction of physical activity and sports programs for people with disabilities. Topics included are disability awareness, disability in society, etology of disabling conditions, motor learning and instructional principles, and curriculum models applicable to the design of physical activity, recreation and sport programs for people with disabilities.

WB41	Ana Palla-Kane	Seats (Total: 50)
	Meets July 8, 2013 - July 26, 2013	
	Class time/details on ELMs	ONLINE

KNES689 **Special Problems in Kinesiology**

KNES689 *(PermReq)* **Special Problems in Kinesiology; (1-4 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

KNES689I **Special Problems in Kinesiology; Teaching Secondary Physical Education**

KNES689I Special Problems in Kinesiology: Teaching Secondary Physical Education; (3 credits) Grade Method: REG/AUD.
A focus on content development and implementation, teacher effectiveness grounded in data analysis, and assessment of student learning in middle and secondary schools.

IH60	Dena Deglau	Seats (Total: 15)
	Meets June 3, 2013 - June 27, 2013	
	MTuWTh 1:00pm - 4:00pm	Location: TBA
	Class meets at the Shady Grove campus.	

KNES689O **Special Problems in Kinesiology; Psychology of Exercise and Health**

KNES689O Special Problems in Kinesiology: Psychology of Exercise and Health; (3 credits) Grade Method: REG/AUD.

0301	Seppo Iso-Ahola	Seats (Total: 10)
	Meets May 28, 2013 - June 14, 2013	
	MTuWTh 4:00pm - 7:30pm	SPH 1302

KNES689T **Special Problems in Kinesiology; Teaching Internship**

KNES689T *(PermReq)* **Special Problems in Kinesiology: Teaching Internship; (1-6 credits)** Grade Method: REG/AUD.

IH61	Dena Deglau	Seats (Total: 10)
	Meets May 16, 2013 - June 14, 2013	
	Class time/details on ELMs	ONLINE
	Outreach Secondary MCERT-KNES. Departmental Permission Required.	

KNES689V **Special Problems in Kinesiology; Teaching Elementary Physical Education**

KNES689V Special Problems in Kinesiology: Teaching Elementary Physical Education; (3 credits) Grade Method: REG/AUD.
A focus on developmentally appropriate content development and implementation, navigating the instructional, managerial and social task systems using effective teaching behaviors and enhancing student learning through an interdisciplinary approach in elementary schools.

IH60	Dena Deglau	Seats (Total: 15)
	Meets June 3, 2013 - June 27, 2013	
	MTuWTh 9:00am - 12:00pm	Location: TBA
	Class meets at the Shady Grove campus.	

KNES789 **Advanced Seminar**

KNES789 Advanced Seminar; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

KNES799 **Master's Thesis Research**

KNES799 *(PermReq)* **Master's Thesis Research; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

KNES898 **Pre-Candidacy Research**

KNES898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F.

0101	Stephen Roth **Meets May 28, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 20)
0201	Stephen Roth **Meets May 28, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 20)

KNES899 **Doctoral Dissertation Research**

KNES899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

LARC Landscape Architecture Summer 2013

LARC160 **Introduction to Landscape Architecture**

LARC160 Introduction to Landscape Architecture; (3 credits) Grade Method: REG/P-F/AUD. CORE Humanities (HO) Course. GenEd: Distributive Studies - Humanities or Distributive Studies - Scholarship in Practice.
History, theory, philosophy and current practice of the profession of landscape architecture. Explores the interactive relationship between humans and their environment by examining people's perceptions of and changing attitude towards the landscape, as well as, an examination of how these are related to ecological and cultural influences.

WB11	Kelly Cook **Meets May 28, 2013 - July 7, 2013** Class time/details on ELMs	Seats (Total: 20) ONLINE

LARC188A **Special Topics in Landscape Architecture; Public Spaces: Then and Now - Italy**
Contact department for information to register for this course.

LARC489A **Special Topics in Landscape Architecture; Italy: Architecture and Music**
Contact department for information to register for this course.

LARC489Q **Special Topics in Landscape Architecture; Environmental Stewardship in Europe: Historic and Contemporary Approaches to Landscape Preservation and Innovation**
Contact department for information to register for this course.

LARC499 **Independent Studies in Landscape Architecture**

LARC499 *(PermReq)* **Independent Studies in Landscape Architecture; (1-4 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

LARC799 **Master's Thesis Research**

LARC799 *(PermReq)* **Master's Thesis Research; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

LBSC Library Science Summer 2013

LBSC611 **History of the Book**

LBSC611 History of the Book; (3 credits) Grade Method: REG/AUD.
Credit only granted for: LBSC611 or LBSC078B. Formerly: LBSC708B. Introduction to the history and development of the book from pre-printing and incunabula to the post-modern book. Book illustration; publishing; collecting.

0201	Stephen Greenberg	Seats (Total: 20)
	Meets July 8, 2013 - August 18, 2013	
	MW 5:30pm - 8:45pm	PLS 1172

LBSC635 **Management and Administration for the Information Professional**

LBSC635 Management and Administration for the Information Professional; (3 credits) Grade Method: REG/AUD.
Management and administrative theory and principles and their implications and applications to information organizations.

ML11	Bruce Dearstyne **Meets May 28, 2013 - July 7, 2013** Class time/details on ELMs *Restricted to LBSO students.*	Seats (Total: 19) ONLINE

LBSC646 **Literature and Materials for Young Adults**

LBSC646 Literature and Materials for Young Adults; (3 credits) Grade Method: REG/AUD.
Prerequisite: Permission of INFO-College of Information Studies. Credit only granted for: LBSC646 or LBSC746. Formerly: LBSC746. Survey of literature and other materials for older children and adolescents. Criteria for evaluating and using such materials as they relate to the needs, interests, reading abilities, and other capabilities of young readers.

0101	Deborah Taylor **Meets May 28, 2013 - July 7, 2013** TuTh 5:30pm - 8:45pm	Seats (Total: 25) HBK 0109

LBSC707 **Field Study in Library Service**

LBSC707 Field Study in Library Service; (3 credits) Grade Method: REG/AUD.
Prerequisite: LBSC601, LBSC650, LBSC670, and LBSC690; and must have completed 12 additional credits. Restriction: Permission of INFO-College of Information Studies. Supervised experience within library operations and/or the opportunity to perform a study to solve a specific problem in a suitable library or other information agency.

ML11	Mary Choquette **Meets May 28, 2013 - August 18, 2013** Class time/details on ELMs *Restricted to LBSO students only.*	Seats (Total: 25) ONLINE
SG01	Diane Barlow **Meets May 28, 2013 - August 16, 2013** W 5:30pm - 8:45pm *The class will meet on campus 5/29, 6/19, 7/10, and 8/14. In addition t on campus sessions, students will complete a 120 hours field study experience during the summer semester.*	Seats (Total: 25) Location: TBA

LBSC709 **Independent Study**

LBSC709 Independent Study; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

LBSC745 **Storytelling Materials and Techniques**

LBSC745 Storytelling Materials and Techniques; (3 credits) Grade Method: REG/AUD.
Prerequisite: LBSC645; or students who have taken courses with comparable content may contact the department. Literary sources and instruction and practice in oral techniques. This is an online course.

SG20	Annette Goldsmith	Seats (Total: 19)
	Meets July 8, 2013 - August 18, 2013	
	Class time/details on ELMs	ONLINE

LBSC767 **Access to Federal Government Information**

LBSC767 Access to Federal Government Information; (3 credits) Grade Method: REG/AUD.
Prerequisite: Permission of INFO-College of Information Studies; and LBSC650. Research methods, information needs, information production and structure, information sources and services, and selection policies related to federal government information. This course is not open to students enrolled in the online Government In formation Cohort.

0201	Deborah Klein	Seats (Total: 25)
	Meets July 8, 2013 - August 18, 2013	
	TuTh 9:00am - 12:30pm	HBK 2119

LBSC775 **Construction and Maintenance of Index Languages and Thesauri**

LBSC775 Construction and Maintenance of Index Languages and Thesauri; (3 credits) Grade Method: REG/AUD.
Prerequisite: Permission of INFO-College of Information Studies; and LBSC670. Design of index languages/thesauri and procedures for their construction. Analysis and evaluation of existing index languages/thesauri. Term project in constructing an index language/thesaurus.

HY11	Taverekere Srikantaiah	Seats (Total: 20)
	Meets May 28, 2013 - July 7, 2013	
	Class time/details on ELMs	ONLINE
	Class will meet on campus, Friday, May 31, 2013 from 1:00pm to 5:00pm in HBK 2119. All other coursework will be done online.	

LGBT Lesbian Gay Bisexual Transgender Studies — Summer 2013

LGBT265 **Lesbian, Gay, Bisexual, and Transgender Literatures**

LGBT265 Lesbian, Gay, Bisexual, and Transgender Literatures; (3 credits) Grade Method: REG/P-F/AUD. CORE Literature (HL) Course. CORE Diversity (D) Course. GenEd: Distributive Studies - Humanities; Diversity - Understanding Plural Societies. *Restriction: Must not have completed ENGL265. Also offered as: ENGL265. Credit only granted for: ENGL265 or LGBT265.* Exploration of literary and cultural expressions of sexuality and gender. Study of a range of historical periods and literary genres, such as essay, poetry, novel, drama, film. Topics include sexual norms and dissidence, gender identity and expression, the relationship between aesthetic forms and sexual subjectivity. Interpretation of texts particularly through the lens of queer theory. Examination of how sex and gender intersect with other forms of difference, including race and class.

WB11	James Goodwin	Seats (Total: 20)
	Meets May 28, 2013 - July 7, 2013	
	Class time/details on ELMs	ONLINE

LING Linguistics — Summer 2013

LING200 **Introductory Linguistics**

LING200 Introductory Linguistics; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. GenEd: Distributive Studies - History and Social Sciences.
Credit only granted for: HESP120 or LING200. Additional information: Does not count toward the Linguistics major and does not fulfill prerequisite requirements for all upper-level courses. An exploration of the nature of human language, designed for non-majors. Introduction to the basic concepts and methodology of modern linguistic analysis (sound systems, word formation, sentence structure). Additional topics may include: semantics, pragmatics, social aspects of language, dialects, language change, acquisition, writing systems, typology, language universals, comparison with other communication systems, etc.

0101	Bradley Larson	Seats (Total: 30)
	Meets May 28, 2013 - July 7, 2013	
	MTuWThF 11:00am - 12:20pm	TYD 1118

LING240 **Language and Mind**

LING240 Language and Mind; (3 credits) Grade Method: REG/P-F/AUD. CORE Humanities (HO) Course. GenEd: Distributive Studies - Humanities.
Additional information: Required for Linguistics majors and recommended for students in related fields. The study of language as a cognitive phenomenon. Focus on mastering the concepts and technical skills required for further courses in linguistics. Ways of representing people's knowledge of their native language, ways in which that knowledge is attained naturally by children, and how it is used in speaking and listening. Additional topics may include: animal communication, language and the brain, language and thought.

0201	Michael Fetters	Seats (Total: 30)
	Meets July 8, 2013 - August 18, 2013	
	MTuWThF 9:30am - 10:50am	TLF 1101

LING499 **Directed Studies in Linguistics**

LING499 *(PermReq)* **Directed Studies in Linguistics; (3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

LING689 **Independent Study**

LING689 Independent Study; (1-3 credits) Grade Method: REG/AUD.

0101	Instructor: TBA **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 2)
0201	Instructor: TBA **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 2)

LING698 **Directed Study**

LING698 *(PermReq)* **Directed Study; (3 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

LING798 **Research Papers in Linguistics**

LING798 Research Papers in Linguistics; (1-6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

LING799 **Master's Thesis Research**

LING799 *(PermReq)* **Master's Thesis Research; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

LING889 **Directed Research**

LING889 *(PermReq)* **Directed Research; (1-8 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

LING895 **Doctoral Research Paper**

LING895 *(PermReq)* **Doctoral Research Paper; (6 credits)** Grade Method: REG.

0101	Instructor: TBA **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 2)
0201	Instructor: TBA **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 2)

LING896 **Research Paper in Minor Area**

LING896 Research Paper in Minor Area; (3 credits) Grade Method: REG/AUD. *Prerequisite: LING895.* This course is designed to strengthen the students' ability to do research in a minor area of expertise, and to help them create a publishable piece. In addition, the course constitutes part of a set of requirements to advance to doctoral candidacy.

0101	Instructor: TBA **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 1)
0201	Instructor: TBA **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 1)

LING898 **Pre-Candidacy Research**

LING898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

LING899 **Doctoral Dissertation Research**

LING899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MATH Mathematics Summer 2013

MATH110 **Elementary Mathematical Models**

MATH110 Elementary Mathematical Models; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Fundamental Studies - Math.
Prerequisite: Must have math eligibility of MATH110 or higher; or permission of CMNS-Mathematics department. Restriction: Not open to students majoring in mathematics, engineering, business, life sciences, and the physical sciences; and must not have completed MATH220 or MATH140; and must not have completed any MATH or STAT course with a prerequisite of MATH140 or MATH220. Credit only granted for: MATH110, MATH112, or MATH113. Topics include simple and compound interest; recursion for computing balances; installment loans and amortization; approximating data by linear models; analysis of applications to real-world collections of data; probability; conditional probability; independence; expected value; graphing and analysis of systems of inequalities; linear programming and applications.

0101	Nathaniel Monson	Seats (Total: 20)
	Meets May 28, 2013 - July 7, 2013	
	MTuWThF 9:30am - 10:50am	MTH 0407

MATH111 **Introduction to Probability**

MATH111 Introduction to Probability; (3 credits) Grade Method: REG/P-F/AUD. CORE Mathematics or Formal Reasoning (MS) Course. GenEd: Fundamental Studies - Math.
Prerequisite: Must have math eligibility of MATH111 or higher; or MATH110. Restriction: Not open to students majoring in mathematics, engineering or the physical sciences; and must not have completed STAT100; and must not have completed any MATH or STAT course with a prerequisite of MATH141. Credit only granted for: MATH111 or STAT100. Logic, Boolean algebra, counting, probability, random variables, expectation, applications of the normal probability distribution.

0102	Lucas Tcheuko	Seats (Total: 20)
	Meets May 28, 2013 - July 7, 2013	
	MTuWThF 9:30am - 10:50am	MTH B0423

MATH113 **College Algebra and Trigonometry**

MATH113 College Algebra and Trigonometry; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Fundamental Studies - Math.
Prerequisite: Must have math eligibility of MATH113 or higher. Restriction: Must not have completed MATH220, MATH140, MATH112, MATH115, or MATH130; and must not have completed any course with a prerequisite of MATH140 or MATH220. Credit only granted for: Students who have credits for MATH113 may not also receive credits for MATH110, MATH112, or MATH115. Topics include elementary functions including graphs and applications of: polynomial, rational, exponential, and logarithmic functions. Systems of equations and applications. Trigonometric functions: angle and radian measure, graphs and applications.

0101	Gokhan Civan **Meets May 28, 2013 - July 7, 2013** MTuWThF 11:00am - 12:20pm	Seats (Total: 20) MTH B0425

MATH115 **Precalculus**

MATH115 Precalculus; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Fundamental Studies - Math.
Prerequisite: Must have math eligibility of MATH115 or higher; or MATH113. Restriction: Must not have completed MATH140; and must not have completed any MATH or STAT course with a prerequisite of MATH140. Credit only granted for: Students who have credits for MATH115 may not also receive credits for MATH112 or MATH113. Preparation for MATH220 or MATH140. Elementary functions and graphs: polynomials, rational functions, exponential and logarithmic functions, trigonometric functions. Algebraic techniques preparatory for calculus.

0101	James Murphy **Meets May 28, 2013 - July 7, 2013** MTuWThF 11:00am - 12:20pm	Seats (Total: 28) MTH 0101
0201	Wan-Yu Tsai **Meets July 8, 2013 - August 18, 2013** MTuWThF 9:30am - 10:50am	Seats (Total: 20) MTH B0423

MATH140 **Calculus I**

MATH140 Calculus I; (4 credits) Grade Method: REG/P-F/AUD. CORE Mathematics or Formal Reasoning (MS) Course. GenEd: Fundamental Studies - Analytic Reasoning; Fundamental Studies - Math.
Prerequisite: Minimum grade of C- in MATH115. Or must have completed 3 1/2 years of college preparatory mathematics (including trigonometry); and must have math eligibility of MATH140 or higher. Or permission of CMNS-Mathematics department. Credit only granted for: MATH130, MATH220, or MATH140. Introduction to calculus, including functions, limits, continuity, derivatives and applications of the derivative, sketching of graphs of functions, definite and indefinite integrals, and calculation of area. The course is especially recommended for science, engineering and mathematics majors.

0101	Jonathan Fernandes **Meets May 28, 2013 - July 19, 2013** MTuWThF 8:00am - 9:20am	Seats (Total: 23) MTH 0103
0102	Timothy Doster **Meets May 28, 2013 - July 19, 2013** MTuWThF 9:30am - 10:50am	Seats (Total: 23) MTH 0103
0103	Kasso Okoudjou **Meets May 28, 2013 - July 19, 2013** MTuWThF 11:00am - 12:20pm	Seats (Total: 23) MTH 0103

MATH141 **Calculus II**

MATH141 Calculus II; (4 credits) Grade Method: REG/P-F/AUD. CORE Mathematics or Formal Reasoning (MS) Course.
Prerequisite: Minimum grade of C- in MATH140. Or minimum grade of B- in MATH130; and permission of CMNS-Mathematics department. Credit only granted for: MATH131, MATH141, or MATH221. Continuation of MATH140, including techniques of integration, improper integrals, applications of integration (such as volumes, work, arc length, moments), inverse functions, exponential and logarithmic functions, sequences and series.

0101	Daniel Weinberg **Meets May 28, 2013 - July 19, 2013** MTuWThF 8:00am - 9:20am	Seats (Total: 30) MTH 0106

0102	Jong Lee **Meets May 28, 2013 - July 19, 2013** MTuWThF 9:30am - 10:50am	Seats (Total: 30) MTH 0106
0103	Domingo Ruiz **Meets May 28, 2013 - July 19, 2013** MTuWThF 11:00am - 12:20pm	Seats (Total: 30) MTH 0106

MATH198A **Supplemental Study in Mathematics; Terp Prep Mathematics**

MATH198A *(PermReq)* **Supplemental Study in Mathematics: Terp Prep Mathematics; (1 credit)** Grade Method: REG/P-F/AUD.
Terp PREP is a pre-calculus enrichment program coordinated by the Learning Assistance Service (LAS) and Mathematics Department. Terp PREP prepares for college-level calculus by reviewing fundamental pre-calculus concepts, teaching effective math learning skills, and providing an introduction to the college learning environment. The program is geared toward incoming first year students or transfer students who must complete the calculus series.

TP21	Kimberly Bethea, Bradford Sanders **Meets August 12, 2013 - August 23, 2013** MTuWThF 9:00am - 1:00pm *Contact Dr. Kimberly Bethea at kbethea@umd.edu or (301) 314-7701 for more information.*	Seats (Total: 25) ARM 0112

MATH206 **Introduction to Matlab**

MATH206 Introduction to Matlab; (1 credit) Grade Method: REG/P-F/AUD.
Prerequisite: MATH141. Credit only granted for: CMSC206, CMSC298M, MATH206, or MATH299M. This course is intended to prepare students for subsequent courses requiring computation with MATLAB. Covers basics of MATLAB including simple commands, variables, solving equations, graphing differentiation and integration, matrices and vectors, functions, M-files and fundamentals of programming in the MATLAB environment. When offered in Winter and Summer terms, the course is offered in a format suitable for online distance learning.

WB21	Justin Wyss-Gallifent **Meets July 8, 2013 - August 18, 2013** Class time/details on ELMs	Seats (Total: 50) ONLINE

MATH213 **Elements of Geometry and Measurement**

MATH213 Elements of Geometry and Measurement; (3 credits) Grade Method: REG/AUD.
Prerequisite: MATH212. Restriction: Must be in one of the following programs (Early Childhood Education; Special Education; Elementary Education). Credit only granted for: MATH211 or MATH213. Properties of geometric objects in two and three dimensions; parallel lines, curves and polygons; ratio, proportion, similarity; transformational geometry and measurement, constructions, justifications and proofs.

0101	Karen McLaren	Seats (Total: 20)
	Meets May 28, 2013 - July 7, 2013	
	MTuWThF 9:30am - 10:50am	MTH 0105

MATH220 **Elementary Calculus I**

MATH220 Elementary Calculus I; (3 credits) Grade Method: REG/P-F/AUD. CORE Mathematics or Formal Reasoning (MS) Course. GenEd: Fundamental Studies - Analytic Reasoning; Fundamental Studies - Math.
Prerequisite: MATH112, MATH113, or MATH115. Or must have completed 3 1/2 years of college preparatory mathematics (including trigonometry); and must have math eligibility of MATH220 or higher. Or permission of CMNS-Mathematics department. Restriction: Not open to students majoring in mathematics, engineering or the physical sciences. Credit only granted for: MATH130, MATH220, or MATH140. Basic ideas of differential and integral calculus, with emphasis on elementary techniques of differentiation and applications.

0101	Yue Tian	Seats (Total: 25)
	Meets May 28, 2013 - July 7, 2013	
	MTuWThF 9:30am - 10:50am	MTH 0304
0201	Scott Schmieding	Seats (Total: 30)
	Meets July 8, 2013 - August 18, 2013	
	MTuWThF 11:00am - 12:20pm	MTH 0304

MATH221 **Elementary Calculus II**

MATH221 Elementary Calculus II; (3 credits) Grade Method: REG/P-F/AUD. CORE Mathematics or Formal Reasoning (MS) Course.
Prerequisite: MATH220, MATH130, or MATH140. Restriction: Not open to students majoring in mathematics, engineering or the physical sciences. Credit only granted for: MATH131, MATH141, or MATH221. Differential and integral calculus, with emphasis on elementary techniques of integration and applications.

0101	Son Ho	Seats (Total: 20)
	Meets May 28, 2013 - July 7, 2013	
	MTuWThF 9:30am - 10:50am	MTH 0403

MATH240 **Introduction to Linear Algebra**

MATH240 Introduction to Linear Algebra; (4 credits) Grade Method: REG/P-F/AUD.
Prerequisite: Minimum grade of C- in MATH131; or MATH141. Credit only granted for: MATH240, MATH341, or MATH461. Basic concepts of linear algebra: vector spaces, applications to line and plane geometry, linear equations and matrices, similar matrices, linear transformations, eigenvalues, determinants and quadratic forms.

0101	Srimathy Srinivasan	Seats (Total: 28)
	Meets May 28, 2013 - July 19, 2013	
	MTuWThF 11:00am - 12:20pm	MTH 0409

MATH241 **Calculus III**

MATH241 Calculus III; (4 credits) Grade Method: REG/P-F/AUD.
Prerequisite: MATH141. Credit only granted for: MATH241 or MATH340. Introduction to multivariable calculus, including vectors and vector-valued functions, partial derivatives and applications of partial derivatives (such as tangent planes and Lagrange multipliers), multiple integrals, volume, surface area, and the classical theorems of Green, Stokes and Gauss.

0101	Michael Salins	Seats (Total: 25)
	Meets May 28, 2013 - July 19, 2013	
	MTuWThF 9:30am - 10:50am	MTH B0421

0102	Robert Maschal **Meets May 28, 2013 - July 19, 2013** MTuWThF 9:30am - 10:50am	Seats (Total: 25) MTH 0405

MATH246 **Differential Equations for Scientists and Engineers**

MATH246 Differential Equations for Scientists and Engineers; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: MATH141; and (PHYS171, PHYS161, ENES102, or MATH240). Credit only granted for: MATH246 or MATH341. An introduction to the basic methods of solving ordinary differential equations. Equations of first and second order, linear differential equations, Laplace transforms, numerical methods and the qualitative theory of differential equations.

0101	Zsolt Pajor-Gyulai **Meets May 28, 2013 - July 7, 2013** MTuWThF 9:30am - 10:50am	Seats (Total: 32) MTH 0305
0102	Mark Magsino **Meets May 28, 2013 - July 7, 2013** MTuWThF 11:00am - 12:20pm	Seats (Total: 33) MTH 0303
0201	Arijit Sehanobish **Meets July 8, 2013 - August 18, 2013** MTuWThF 9:30am - 10:50am	Seats (Total: 29) MTH 0307
0202	Jonathan Huang **Meets July 8, 2013 - August 18, 2013** MTuWThF 11:00am - 12:20pm	Seats (Total: 30) MTH B0429

MATH310 **Introduction to Mathematical Proof**

MATH310 Introduction to Mathematical Proof; (3 credits) Grade Method: REG.
Prerequisite: MATH141. Corequisite: MATH241. Restriction: Must be in a major within CMNS-Mathematics department. Additional information: Math majors may not use this course to satisfy an upper-level requirement. To prepare students for MATH410 Advanced Calculus. To develop the students' ability to construct a rigorous proof of a mathematical claim. Students will also be made aware of mathematical results that are of interest to those wishing to analyze a particular mathematical model. Topics will be drawn from logic, set theory, structure of the number line, elementary topology, metric spaces, functions, sequences and continuity.

0201	Richard Rast	Seats (Total: 25)
	Meets July 8, 2013 - August 18, 2013	
	MTuWThF 9:30am - 10:50am	MTH 0302

MATH401 **Applications of Linear Algebra**

MATH401 Applications of Linear Algebra; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: 1 course with a minimum grade of C- from (MATH461, MATH240). Various applications of linear algebra: theory of finite games, linear programming, matrix methods as applied to finite Markov chains, random walk, incidence matrices, graphs and directed graphs, networks and transportation problems.

0101	Melissa Macasieb	Seats (Total: 20)
	Meets May 28, 2013 - July 7, 2013	
	MTuWThF 9:30am - 10:50am	MTH 0307

MATH406 **Introduction to Number Theory**

MATH406 Introduction to Number Theory; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: 1 course with a minimum grade of C- from (MATH240, MATH241, MATH246); or permission of CMNS-Mathematics department. Integers, divisibility, prime numbers, unique factorization, congruences, quadratic reciprocity, Diophantine equations and arithmetic functions.

0201	Koushik Pal	Seats (Total: 20)
	Meets July 8, 2013 - August 18, 2013	
	MTuWThF 11:00am - 12:20pm	MTH 0303

MATH410 **Advanced Calculus I**

MATH410 *(PermReq)* **Advanced Calculus I; (3 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: Minimum grade of C- in MATH240 and MATH241. And minimum grade of C- in MATH310; or students who have taken courses with comparable content may contact the department. And permission of CMNS-Mathematics department. First semester of a year course. Subjects covered during the year are: sequences and series of numbers, continuity and differentiability of real valued functions of one variable, the Riemann integral, sequences of functions and power series. Functions of several variables including partial derivatives, multiple integrals, line and surface integrals. The implicit function theorem.

0101	Niranjan Ramachandran	Seats (Total: 25)
	Meets May 28, 2013 - July 19, 2013	
	MTuThF 11:00am - 12:20pm	MTH B0421

MATH461 **Linear Algebra for Scientists and Engineers**

MATH461 Linear Algebra for Scientists and Engineers; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: MATH141; and must have completed any MATH or STAT course with a prerequisite of MATH141. Credit only granted for: MATH240, MATH341, or MATH461. Additional information: This course may not be used towards the upper level math requirements for MATH/STAT majors. Basic concepts of linear algebra. This course is similar to MATH 240, but with more extensive coverage of the topics needed in applied linear algebra: change of basis, complex eigenvalues, diagonalization, the Jordan canonical form.

0101	Niranjan Ramachandran	Seats (Total: 25)
	Meets May 28, 2013 - July 7, 2013	
	MTuWThF 9:30am - 10:50am	MTH 0101
0201	Raluca Rosca	Seats (Total: 20)
	Meets July 8, 2013 - August 18, 2013	
	MTuWThF 9:30am - 10:50am	MTH 0105

MATH462 **Partial Differential Equations**

MATH462 Partial Differential Equations; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: MATH241 and MATH246.* Linear spaces and operators, orthogonality, Sturm-Liouville problems and eigenfunction expansions for ordinary differential equations. Introduction to partial differential equations, including the heat equation, wave equation and Laplace's equation. Boundary value problems, initial value problems and initial-boundary value problems.

0201	Joel Cohen	Seats (Total: 25)
	Meets July 8, 2013 - August 18, 2013	
	MTuWThF 9:30am - 10:50am	MTH 0201

MATH463 **Complex Variables for Scientists and Engineers**

MATH463 Complex Variables for Scientists and Engineers; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: MATH241; or students who have taken courses with comparable content may contact the department. The algebra of complex numbers, analytic functions, mapping properties of the elementary functions. Cauchy integral formula. Theory of residues and application to evaluation of integrals. Conformal mapping.

0101	Patrick Fitzpatrick	Seats (Total: 23)
	Meets May 28, 2013 - July 7, 2013	
	MTuWThF 9:30am - 10:50am	MTH 1308

MATH478A **Selected Topics For Teachers of Mathematics**

MATH478A *(PermReq)* **Selected Topics For Teachers of Mathematics; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MATH480 **Algebra for Middle School Teachers**

MATH480 Algebra for Middle School Teachers; (3 credits) Grade Method: REG. *Prerequisite: MATH214; or students who have taken courses with comparable content may contact the department. Restriction: Must be a middle school teacher. Credit only granted for: MATH480, MATH483, or MATH498C. Formerly: MATH498C.* Prepares teachers with elementary certification to teach Algebra 1 in middle school. Focuses on basic algebra concepts and related theoretical ideas.

IH30	Karen McLaren **Meets May 8, 2013 - July 10, 2013** MW 4:00pm - 7:30pm	Seats (Total: 25) Location: TBA
IH31	Janet Walkoe **Meets May 20, 2013 - June 27, 2013** MWTh 5:00pm - 8:00pm	Seats (Total: 25) Location: TBA

MATH489 **Research Interactions in Mathematics**

MATH489 Research Interactions in Mathematics; (1-3 credits) Grade Method: REG/P-F/AUD.

0106	Elizabeth Wilson **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0206	Elizabeth Wilson **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)

MATH498A **Selected Topics in Mathematics**

MATH498A *(PermReq)* **Selected Topics in Mathematics; (1-9 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MATH498G **Selected Topics in Mathematics; Learning Math Through Games**

MATH498G *(PermReq)* **Selected Topics in Mathematics: Learning Math Through Games; (3 credits)** Grade Method: REG/P-F.

This course is the academic part of the Mathematics Summer Program in Research and Learning (Math SPIRAL). It is only available to students nominated by affiliated institutions, and approved by the SPIRAL staff.

XMS1	Kenneth Berg **Meets May 28, 2013 - July 7, 2013** MTuWThF 8:45am - 10:45am MTuWThF 10:45am - 12:00pm	Seats (Total: 20) MTH 1311 MTH 1311	 Discussion

MATH608A **Selected Topics in Algebra**

MATH608A *(PermReq)* **Selected Topics in Algebra; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MATH648A **Selected Topics in Analysis**

MATH648A *(PermReq)* **Selected Topics in Analysis; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MATH668A **Selected Topics in Complex Analysis**

MATH668A *(PermReq)* **Selected Topics in Complex Analysis; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MATH689 **Research Interactions in Mathematics**

MATH689 *(PermReq)* **Research Interactions in Mathematics; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MATH718A **Selected Topics in Mathematical Logic**

MATH718A *(PermReq)* **Selected Topics in Mathematical Logic; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MATH748A **Selected Topics in Geometry and Topology**

MATH748A *(PermReq)* **Selected Topics in Geometry and Topology; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MATH799 **Master's Thesis Research**

MATH799 *(PermReq)* **Master's Thesis Research; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MATH898 **Pre-Candidacy Research**

MATH898 *(PermReq)* **Pre-Candidacy Research; (1-8 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MATH899 **Doctoral Dissertation Research**

MATH899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MEES Marine-Estuarine-Environmental Sciences Summer 2013

MEES698F **Special Topics in Marine-Estuarine-Environmental Sciences; Early Life History Of Marine Fishes**

MEES698F *(PermReq)* **Special Topics in Marine-Estuarine-Environmental Sciences: Early Life History Of Marine Fishes; (3 credits)** Grade Method: REG/AUD.

0101	Edward Houde	Seats (Total: 12)
	Meets June 10, 2013 - June 28, 2013	
	Contact instructor or department for details.	

MEES698M **Special Topics in Marine-Estuarine-Environmental Sciences; Plankton and Mixotrophy**

MEES698M *(PermReq)* **Special Topics in Marine-Estuarine-Environmental Sciences: Plankton and Mixotrophy; (1 credit)** Grade Method: REG/AUD. Introduces students to the concept of mixotrophy in the plankton and the latest approaches to incorporating their behavior in mathematical models. This course will include lectures from many investigators. Students must be present for 2, all-day sessions Thursday and Friday June 13-14 at the Horn Point Laboratory. Not offered on IVN. Permission of the instructor required.

0101	Patricia Glibert	Seats (Total: 10)
	Meets June 13, 2013 - June 14, 2013	
	Contact instructor or department for details.	

MEES698O **Special Topics in Marine-Estuarine-Environmental Sciences; Phytoplankton Physiology and Mixotrophy**

MEES698O *(PermReq)* **Special Topics in Marine-Estuarine-Environmental Sciences: Phytoplankton Physiology and Mixotrophy; (3 credits)** Grade Method: REG/AUD.
Introduces students to the concept of mixotrophy in the plankton and th latest approaches to incorporating their behavior in mathematical models. This course will include lectures from many investigators. Students must be present for, all-day sessions Thursday and Friday June 13-14 and Monday through Friday June 17-21 at the Horn Point Laboratory Students will be expected to develop and present a project related to mixotrophy. Not offered on IVN. Permission of the instructor required.

0101	Patricia Glibert	Seats (Total: 10)
	Meets June 13, 2013 - June 21, 2013	
	Contact instructor or department for details.	

MEES698R **Special Topics in Marine-Estuarine-Environmental Sciences; Ecology and Natural Resources Management in Brazil**

Contact department for information to register for this course.

MEES699 **Special Problems in Marine-Estuarine-Environmental Sciences**

MEES699 *(PermReq)* **Special Problems in Marine-Estuarine-Environmental Sciences; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MEES799 **Masters Thesis Research**

MEES799 Masters Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MEES898 **Pre-Candidacy Research**

MEES898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MEES899 **Doctoral Dissertation Research**

MEES899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MIEH Maryland Institute for Applied Environmental Health — Summer 2013

MIEH210 **Environmental Justice, Racism, and Environmental Health Disparities: How where you live can kill you**

MIEH210 Environmental Justice, Racism, and Environmental Health Disparities: How where you live can kill you; (3 credits) Grade Method: REG/P-F/AUD. Environmental justice history, theory and science will be covered; discuss linkages between the built environment and environmental injustice, and examine how the built environment can lead to adverse health conditions and racial/ethnic health disparities. We will draw on methods, theory, and data from environmental health sciences, health behavior and health education, sociology, urban planning, geography, epidemiology, anthropology, political science, law and other fields of study.

WB11	Sacoby Wilson, Laura Dalemarre	Seats (Total: 100)
	Meets May 28, 2013 - July 7, 2013	
	Class time/details on ELMs	ONLINE

MIEH215 **The Built Environment and Public Health: The Good, the Bad, and the Ugly**

MIEH215 The Built Environment and Public Health: The Good, the Bad, and the Ugly; (3 credits) Grade Method: REG/P-F/AUD.
The emphasis in this course is on social justice, sustainability, and equity in health and community design, recognizing we often approach issues based on the environment in which we were raised, ignoring many other lifestyles, circumstances, experiences, cultures and approaches to the environment and economy in planning and community development decision-making processes.

WB21	Sacoby Wilson, Charles Naney	Seats (Total: 100)
	Meets July 8, 2013 - August 18, 2013	
	Class time/details on ELMs	ONLINE

MIEH600 **Foundations of Environmental Health**

MIEH600 Foundations of Environmental Health; (3 credits) Grade Method: REG/AUD.
Credit only granted for: HLTH761 or MIEH600. Formerly: HLTH761. Overview of the chemical, physical and biological hazards present in our living and working environment and their effects on human health. Topics include: exposure assessment, industrial hygiene and safety, pesticides, community and indoor pollution, food-borne diseases, solid and hazardous wastes, water resources, risk assessement, ecological issues and environmental laws.

HY11	Amir Sapkota	Seats (Total: 30)
	Meets July 1, 2013 - August 11, 2013	
	MW 4:30pm - 8:15pm	SPH 0303

MIEH785 **Internship in Public Health**

MIEH785 Internship in Public Health; (3 credits) Grade Method: REG/AUD.
Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: Permission of SPHL-Maryland Institute for Applied Environmental Health.
Internship and seminar providing an opportunity to apply previously acquired knowledge and skills in a health or allied health organization. Setting of the internship will depend upon the student's background and career goals.

Contact department for information to register for this course.

MIEH786 **Captsone Project in Public Health**

MIEH786 Captsone Project in Public Health; (3 credits) Grade Method: REG/AUD. *Prerequisite: Permission of SPHL-Maryland Institute for Applied Environmental Health.* Capstone experience provding opportunity to apply knowledge and skills to a specific public health problem or issue. Completion of project relevant to public health under the direction of an advisor.

0101	Paul Turner **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 5)
0102	Amir Sapkota **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 5)
0103	Amy Sapkota **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 5)
0104	Donald Milton **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 5)
0105	Robin Puett **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 5)
0106	Sacoby Wilson **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 5)
0201	Paul Turner **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 5)
0202	Amir Sapkota **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 5)
0203	Amy Sapkota **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 5)

0204	Donald Milton **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 5)
0205	Robin Puett **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 5)
0206	Sacoby Wilson **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 5)

MIEH788 **Critical Readings in Environmental Health**

MIEH788 *(PermReq)* **Critical Readings in Environmental Health; (1-3 credits)**
Grade Method: REG/AUD.

0101	Paul Turner **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 5)
0102	Amir Sapkota **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 5)
0103	Amy Sapkota **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 5)
0104	Donald Milton **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 5)
0105	Robin Puett **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 5)
0106	Sacoby Wilson **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 5)

0201	Paul Turner **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 5)
0202	Amir Sapkota **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 5)
0203	Amy Sapkota **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 5)
0204	Donald Milton **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 5)
0205	Robin Puett **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 5)
0206	Sacoby Wilson **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 5)

MIEH789 **Independent Study**

MIEH789 Independent Study; (1-6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MIEH799 **Master's Thesis Research**

MIEH799 Master's Thesis Research; (1-6 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MOCB Molecular and Cell Biology Summer 2013

MOCB699 **Laboratory Rotation**

MOCB699 Laboratory Rotation; (2-3 credits) Grade Method: S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MOCB899 **Doctoral Dissertation Research**

MOCB899 Doctoral Dissertation Research; (1-8 credits) Grade Method: S-F.

0101	Instructor: TBA **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 30)	
0201	Instructor: TBA **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 30)	

MUSC School of Music Summer 2013

MUSC140 **Music Fundamentals I**

MUSC140 Music Fundamentals I; (3 credits) Grade Method: REG/P-F/AUD. CORE History or Theory of Arts (HA) Course. GenEd: Distributive Studies - Scholarship in Practice.
Restriction: Must not be in any of the following programs (Music (Professional Program); Music Education). Introductory theory course. Notation, scales, intervals, triads, rhythm, form and basic aural skills.

0101	Joel Pierson **Meets May 28, 2013 - July 7, 2013** MTuW 11:00am - 12:40pm Th 11:00am - 12:40pm	Seats (Total: 15) PAC 3164 PAC 1108	 Lab
0201	Douglas Welcome **Meets July 8, 2013 - August 18, 2013** MTuW 11:00am - 12:40pm Th 11:00am - 12:40pm	Seats (Total: 15) PAC 3164 PAC 1108	 Lab

MUSC205 **History of Popular Music, 1950-Present**

MUSC205 History of Popular Music, 1950-Present; (3 credits) Grade Method: REG/P-F/AUD. CORE History or Theory of Arts (HA) Course. GenEd: Distributive Studies - Humanities.
A historical survey of rock music (blues, rock, soul, metal, rap, etc.) from circa 1950 to the present, with emphasis on popular music as music and popular music as social history.

0301	Eric Hermann	Seats (Total: 30)
	Meets May 28, 2013 - June 14, 2013	
	MTuWThF 10:00am - 12:45pm	PAC 3160

MUSC220 **Selected Musical Cultures of the World**

MUSC220 Selected Musical Cultures of the World; (3 credits) Grade Method: REG. CORE History or Theory of Arts (HA) Course. CORE Diversity (D) Course. GenEd: Distributive Studies - Humanities; Diversity - Understanding Plural Societies. *Credit only granted for: MUET220 or MUSC220. Formerly: MUET220.* A survey of selected musical cultures of the world, such as India, Japan, China, Indonesia, West Africa, Eastern Europe and the Near East.

0601	Julia Topper	Seats (Total: 30)
	Meets July 29, 2013 - August 16, 2013	
	MTuWThF 10:00am - 12:45pm	TWS 0214

MUSC269A **Special Topics in Study Abroad II; Enhancing Spanish Language and Cultural Knowledge Through Music**
Contact department for information to register for this course.

MUSC269I **Special Topics in Study Abroad II; History of Italian Music**
Contact department for information to register for this course.

MUSC388 **Music Internship**

MUSC388 *(PermReq)* **Music Internship; (3 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MUSC389 **Music Internship Analysis; Music Internship Analysis**

MUSC389 *(PermReq)* **Music Internship Analysis: Music Internship Analysis; (1 credit)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MUSC448 **Selected Topics in Music**

MUSC448 *(PermReq)* **Selected Topics in Music; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MUSC463 **Applications in Music Technology**

MUSC463 Applications in Music Technology; (3 credits) Grade Method: REG/P-F/AUD.
A hands-on study of computer hardware and software that makes use of the MIDI (Musical Instrument Digital Interface) specification. This protocol allows computers, synthesizers and various other devices to send and receive information about musical performance, notation and sound. The course focuses on two of the most frequently used applications on MIDI -- sequencing and music notation. Also included is an introduction to digital audio. No previous experience with computers is required. Ability to read music on a grand staff (treble and bass clef) is recommended.

0501	Mark Nowakowski	Seats (Total: 15)
	Meets June 17, 2013 - July 5, 2013	
	MTuWThF 1:00pm - 4:00pm	PAC 1108
	Students who wish to register for this section after June 4, 2012, please e-mail summer@umd.edu .	

MUSC499 **Independent Studies**

MUSC499 *(PermReq)* **Independent Studies; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MUSC699 **Selected Topics in Music**

MUSC699 Selected Topics in Music; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MUSC799 **Master's Thesis Research**

MUSC799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MUSC898 **Pre-Candidacy Research**

MUSC898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

MUSC899 **Doctoral Dissertation Research**

MUSC899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

NACS Neuroscience & Cognitive Science Summer 2013

NACS798 **Master's Non-Thesis Research**

NACS798 Master's Non-Thesis Research; (1-3 credits) Grade Method: REG/S-F.

0204	Tracy Riggins **Meets August 4, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 1)
0230	Bradley Hatfield **Meets August 4, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 1)

NACS899 **Doctoral Dissertation Research**

NACS899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

NFSC Nutrition and Food Science Summer 2013

NFSC100 **Elements of Nutrition**

The following courses may involve the use of animals. Students who are concerned about the use of animals in teaching have the responsibility to contact the instructor, prior to course enrollment, to determine whether animals are to be used in the course, whether class exercises involving animals are optional or required and what alternatives, if any, are available.

NFSC100 Elements of Nutrition; (3 credits) Grade Method: REG/P-F/AUD. CORE Life Science (LS) Course. GenEd: Distributive Studies - Natural Sciences. Fundamentals of human nutrition. Nutrient requirements related to changing individual and family needs.

0101	Margaret Udahogora	Seats (Total: 35)	
	Meets May 28, 2013 - July 7, 2013		
	MWF 9:30am - 10:50am	WDS 1114	
	TuTh 9:30am - 10:50am	WDS 1114	Discussion

NFSC399 **Special Problems in Food Science**

NFSC399 *(PermReq)* **Special Problems in Food Science; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

NFSC490 **Special Problems in Nutrition**

NFSC490 *(PermReq)* **Special Problems in Nutrition; (2-3 credits)** Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - Scholarship in Practice. Individual Instruction course: contact department or instructor to obtain section number. *Prerequisite: NFSC440; and permission of AGNR-Nutrition and Food Science department.* Individually selected problems in the area of human nutrition.

Contact department for information to register for this course.

NFSC498A **Selected Topics; Individual Study**

NFSC498A Selected Topics: Individual Study; (1-3 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

NFSC498C **Selected Topics; Food Biotechnology**

Contact department for information to register for this course.

NFSC678 **Selected Topics in Nutrition**

NFSC678 Selected Topics in Nutrition; (1-6 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

NFSC699 **Problems in Nutrition and Food Science**

NFSC699 *(PermReq)* **Problems in Nutrition and Food Science; (1-4 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

NFSC799 **Master's Thesis Research**

NFSC799 *(PermReq)* **Master's Thesis Research; (1-6 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

NFSC898 **Pre-Candidacy Research**

NFSC898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F.

0101	Robert Jackson	Seats (Total: 5)
	Meets May 28, 2013 - July 7, 2013	
	Contact instructor or department for details.	

0103	Qin Wang **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 5)
0115	Liangli Yu **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0116	Robert Buchanan **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)
0201	Robert Jackson **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 5)
0203	Qin Wang **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 5)
0215	Liangli Yu **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)
0216	Robert Buchanan **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 10)

NFSC899 **Doctoral Dissertation Research**

NFSC899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

PERS Persian Summer 2013

PERS205 **Intensive Intermediate Persian I**

PERS205 *(PermReq)* **Intensive Intermediate Persian I; (6 credits)** Grade Method: REG.
Prerequisite: PERS102; or equivalent as determined by Foreign Language Placement Test (FLPT). Intensive Intensive training in spoken and written Persian designed to facilitate the development of language proficiency at intermediate- low level on ACTFL scale. Continues building literacy skills, vocabulary, and grammar through highly a interactive approach. Substantial cultural component introducing social and cultural themes related to Iran and the Persian speaking world. Enrollment limited to students accepted into the Summer Language Institutes. Click here for more course information.

XL11	Anousha Shahsavari	Seats (Total: 15)
	Meets May 28, 2013 - July 7, 2013	
	MTuWThF 9:00am - 5:00pm	SQH 2121

PERS206 **Intensive Intermediate Persian II**

PERS206 *(PermReq)* **Intensive Intermediate Persian II; (6 credits)** Grade Method: REG/P-F/AUD.
Restriction: Must not have completed PERS202. Intensive Intensive training in spoken and written Persian designed to facilitate the development of language proficiency at intermediate- low to intermediate mid level on ACTFL scale. Intermediate literacy skills, vocabulary, and grammar through highly a interactive approach. Substantial cultural component introducing social and cultural themes related to Iran and the Persian speaking world. Enrollment limited to students accepted into the Summer Language Institutes. Click here for more course information.

XL21	Elahe Amiri	Seats (Total: 15)
	Meets July 8, 2013 - August 5, 2013	
	MTuWThF 9:00am - 5:00pm	SQH 1101

PERS305 **Intensive Advanced Persian I**

PERS305 *(PermReq)* **Intensive Advanced Persian I; (6 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: PERS201; or equivalent as determinve by Foreign Language Placement Test (FLPT). Restriction: Must not have completed PERS301. Intensive training in spoken and written Persian designed to facilitate the development of language proficiency at intermediate-high to advanced low level on ACTFL scale. Highly interactive approach and authentic samples of spoken and written language on a variety of topics with level appropriate pedagogical saffolding. Substantial cultural component exploring social and cultural themes and current events in Iran, the Persian speaking world and the Middle East. Enrollment limited to students accepted into the Summer Language Institutes. Click here for more course information.

XL11	Bahareh Jalehmahmoudi	Seats (Total: 15)
	Meets May 28, 2013 - July 7, 2013	
	MTuWThF 9:00am - 5:00pm	SQH 2119

PERS306 **Intensive Advanced Persian II**

PERS306 *(PermReq)* **Intensive Advanced Persian II; (6 credits)** Grade Method: REG/P-F/AUD.
Restriction: Must not have completed PERS302. Intensive training in spoken and written Persian designed to facilitate the development of language proficiency at advanced mid level on ACTFL scale. Highly interactive approach and authentic samples of spoken and written language on a variety of topics with level appropriate pedagogical saffolding. Substantial cultural component exploring social and cultural themes and current events in Iran, the Persian speaking world and the Middle East. Enrollment limited to students accepted into the Summer Language Institutes. Click here for more course information.

XL21	Bahareh Jalehmahmoudi	Seats (Total: 15)
	Meets July 8, 2013 - August 5, 2013	
	MTuWThF 9:00am - 5:00pm	SQH 1117

PERS405 **Intensive Special Topics I: Media and the Current Issues in Iranian Society**

PERS405 *(PermReq)* **Intensive Special Topics I: Media and the Current Issues in Iranian Society; (6 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: PERS302; and students who have taken courses with comparable content may contact the department. Develops Persian language proficiency and domain-specific knowledge at advanced level. Enhances linguistic and cultural competence. Provides a broad understanding of some of the current social, political and economic issues in modern Iran. Taught in Persian. Enrollment limited to students accepted into the Summer Language Institutes. Click here for more course information.

XL11	Ali Abasi	Seats (Total: 15)
	Meets May 28, 2013 - July 7, 2013	
	MTuWThF 9:00am - 5:00pm	SQH 1121

PERS406 **Intensive Special Topics II: Practicum in Persian Translation**

PERS406 *(PermReq)* **Intensive Special Topics II: Practicum in Persian Translation; (6 credits)** Grade Method: REG/P-F/AUD.
Prerequisite: PERS302; and students who have taken courses with similar or comparable course content may contact the department. Provides opportunities for translation, interpretation, and analysis of various authentic oral and written texts (both English to Persian and Persian to English). Facilitates the development of Persian language proficiency at advanced level through a task-based approach that integrates all the language skills in pedagogical translation activities. Enrollment limited to students accepted into the Summer Language Institutes. Click here for more course information.

XL21	Ali Abasi	Seats (Total: 15)
	Meets July 8, 2013 - August 5, 2013	
	MTuWThF 9:00am - 5:00pm	SQH 2119

PHIL Philosophy Summer 2013

PHIL100 **Introduction to Philosophy**

Click here for detailed course descriptions.

PHIL100 Introduction to Philosophy; (3 credits) Grade Method: REG/P-F/AUD. CORE Humanities (HO) Course. GenEd: Distributive Studies - Humanities.

An introduction to the literature, problems, and methods of philosophy either through a study of some of the main figures in philosophic thought or through an examination of some of the central and recurring problems of philosophy.

WB31	Yu Izumi	Seats (Total: 40)
	Meets May 28, 2013 - June 14, 2013	
	Class time/details on ELMs	ONLINE

PHIL140 **Contemporary Moral Issues**

PHIL140 Contemporary Moral Issues; (3 credits) Grade Method: REG/P-F/AUD. CORE Humanities (HO) Course. GenEd: Distributive Studies - Humanities.

The uses of philosophical analysis in thinking clearly about such widely debated moral issues as abortion, euthanasia, homosexuality, pornography, reverse discrimination, the death penalty, business ethics, sexual equality, and economic justice.

WB41	Christopher Vogel	Seats (Total: 40)
	Meets July 8, 2013 - July 26, 2013	
	Class time/details on ELMs	ONLINE
YS41	Brock Rough	Seats (Total: 20)
	Meets July 8, 2013 - July 26, 2013	
	MTuWThF 10:00am - 1:00pm	TLF 1103
	This section is part of The Young Scholars Program. Enrollment by permission only.	

PHIL170 **Introduction to Logic**

PHIL170 Introduction to Logic; (3 credits) Grade Method: REG/P-F/AUD. CORE Mathematics or Formal Reasoning (MS) Course. GenEd: Fundamental Studies - Analytic Reasoning.

Development of analytical reasoning skills through study of formal logics, reasoning systems, and fallacious inference patterns.

WB41	Sungwon Woo	Seats (Total: 40)
	Meets July 8, 2013 - July 26, 2013	
	Class time/details on ELMs	ONLINE

PHIL230 **Philosophy of the Arts**

PHIL230 Philosophy of the Arts; (3 credits) Grade Method: REG/P-F/AUD. CORE History or Theory of Arts (HA) Course. GenEd: Distributive Studies - Humanities.
A survey of theoretical perspectives on the arts from Plato to the present, along with critical examination of specific works of art. Analysis of concepts central to thought about art, such as beauty, form, content, expression, representation, interpretation, creation, style, medium, realism, aesthetic experience, and aesthetic value.

WB51	Logan Fletcher	Seats (Total: 40)
	Meets June 17, 2013 - July 5, 2013	
	Class time/details on ELMs	ONLINE

PHIL308K **Studies in Contemporary Philosophy; Eating Right: Animals and Ethics**

PHIL308K Studies in Contemporary Philosophy: Eating Right: Animals and Ethics; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: One course in philosophy. An examination of what moral obligations we have to animals, if any. We eat animals, fashion them into clothing, and test our newest medicines and cosmetic products on them. But should we do such things? Click here for more course information.

WB11	John-Gregory Holliday	Seats (Total: 30)
	Meets May 28, 2013 - July 5, 2013	
	Class time/details on ELMs	ONLINE

PHIL308P **Studies in Contemporary Philosophy; Actors, Characters and Performances**

PHIL308P Studies in Contemporary Philosophy: Actors, Characters and Performances; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: One course in philosophy. Investigate how philosophers and other thinkers from Plato to the present day have thought about the art of acting, drawing on the theories of theater practitioner themselves, such as Stanislavsky and Brecht. Click here for more course information.

WB11	Andrew Knoll	Seats (Total: 30)
	Meets May 28, 2013 - July 5, 2013	
	Class time/details on ELMs	ONLINE

PHIL308X **Studies in Contemporary Philosophy; Phiosophy and Time Travel**

PHIL308X Studies in Contemporary Philosophy: Phiosophy and Time Travel; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: One course in philosophy. Time travel is a staple of science fiction, yet many people think it's too paradoxical to be possible. This course will draw on philosophy and science fiction to examine the paradoxes and puzzles of time travel, and try to answer the question of how time travel could be physically or metaphysically possible.

WB21	Lucas Dunlap	Seats (Total: 35)
	Meets July 8, 2013 - August 16, 2013	
	Class time/details on ELMs	ONLINE

PHIL328C **Studies in the History of Philosophy; Chinese Philosophy**

PHIL328C *(PermReq)* **Studies in the History of Philosophy: Chinese Philosophy; (3 credits)** Grade Method: REG/P-F/AUD.
Investigates classical and contemporary Chinese philosophical views of the nature of reality, the good and the good life, social structure, and political philosophy, and the status of women. No background in philosophy or Chinese thought required.

WB11	Xuan Wang	Seats (Total: 35)
	Meets May 28, 2013 - July 5, 2013	
	Class time/details on ELMs	ONLINE

PHIL328P **Studies in the History of Philosophy; Plato's Republic**

PHIL328P Studies in the History of Philosophy: Plato's Republic; (3 credits) Grade Method: REG/P-F/AUD.
Plato's Republic has inspired countless philosophers, but many find its views on economics, censorship, sex, and family life unsettling. This course carefully examines the argument of Plato's most famous dialogue.

WB11	David McElhoes **Meets May 28, 2013 - July 5, 2013** Class time/details on ELMs	Seats (Total: 30) ONLINE

PHIL498 **Topical Investigations**

PHIL498 *(PermReq)* **Topical Investigations; (1-3 credits)** Grade Method: REG/P-F/AUD.

0101	Instructor: TBA **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 5)
0201	Instructor: TBA **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 5)

PHIL688 **Selected Problems in Philosophy**

PHIL688 *(PermReq)* **Selected Problems in Philosophy; (1-3 credits)** Grade Method: REG/AUD.

0101	Instructor: TBA **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 5)
0201	Instructor: TBA **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 5)

PHIL788 **Research in Philosophy**

PHIL788 *(PermReq)* **Research in Philosophy; (1-6 credits)** Grade Method: REG/AUD.

0101	Instructor: TBA **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 5)

0201	Instructor: TBA	Seats (Total: 5)
	Meets July 8, 2013 - August 18, 2013	
	Contact instructor or department for details.	

PHIL799 **Master's Thesis Research**

PHIL799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number. Contact department to make arrangements.

Contact department for information to register for this course.

PHIL899 **Doctoral Dissertation Research**

PHIL899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.
Contact department to make arrangements.

Contact department for information to register for this course.

PHYS Physics Summer 2013

PHYS121 **Fundamentals of Physics I**

PHYS121 Fundamentals of Physics I; (4 credits) Grade Method: REG/P-F/AUD. CORE Physical Science Lab (PL) Course. GenEd: Distributive Studies - Natural Science Lab.
Prerequisite: MATH112 or MATH115. Credit only granted for: PHYS121 or PHYS131.
The first part of a two-semester course in general physics treating the fields of mechanics, heat, sound, electricity, magnetism, optics, and modern physics. Together with PHYS122, this generally satisfies the minimum requirement of medical and dental schools. Students must pay a $50.00 Laboratory Materials fee.

0101	Kathleen Restorff	Seats (Total: 26)	
	Meets May 28, 2013 - July 7, 2013		
	MTuWThF 9:30am - 10:50am	PHY 1410	
	TuTh 12:00pm - 2:00pm	PHY 3306	Lab
	MW 11:00am - 11:50am	MTH 0306	Discussion

0102	Kathleen Restorff	Seats (Total: 26)	
	Meets May 28, 2013 - July 7, 2013		
	MTuWThF 9:30am - 10:50am	PHY 1410	
	TuTh 2:00pm - 4:00pm	PHY 3306	Lab
	TuTh 1:00pm - 1:50pm	PHY 1204	Discussion
0181	David Buehrle	Seats (Total: 26)	
	Meets May 28, 2013 - July 7, 2013		
	MTuWThF 5:30pm - 6:50pm	PHY 1201	
	TuTh 7:00pm - 9:00pm	PHY 3306	Lab
	MW 7:00pm - 8:00pm	PHY 1201	Discussion

PHYS122 **Fundamentals of Physics II**

PHYS122 Fundamentals of Physics II; (4 credits) Grade Method: REG/P-F/AUD. CORE Physical Science Lab (PL) Course. GenEd: Distributive Studies - Natural Science Lab.
Prerequisite: PHYS121; or students who have taken courses with comparable content may contact the department. A continuation of PHYS121, which together with it, generally satisfies the minimum requirement of medical and dental schools. Students must pay a $50.00 Laboratory Materials fee.

0201	David Buehrle	Seats (Total: 24)	
	Meets July 8, 2013 - August 18, 2013		
	MTuWThF 9:30am - 10:50am	PHY 1402	
	TuTh 12:00pm - 2:00pm	PHY 3312	Lab
	MW 11:00am - 11:50am	PHY 1402	Discussion
0202	David Buehrle	Seats (Total: 24)	
	Meets July 8, 2013 - August 18, 2013		
	MTuWThF 9:30am - 10:50am	PHY 1402	
	TuTh 2:00pm - 4:00pm	PHY 3312	Lab
	TuTh 1:00pm - 1:50pm	PHY 0405	Discussion
0281	David Buehrle	Seats (Total: 24)	
	Meets July 8, 2013 - August 18, 2013		
	MTuWThF 5:30pm - 6:50pm	PHY 1201	
	TuTh 7:00pm - 9:00pm	PHY 3312	Lab
	MW 7:00pm - 8:00pm	PHY 1201	Discussion

0282	David Buehrle	Seats (Total: 24)	
	Meets July 8, 2013 - August 18, 2013		
	MTuWThF 5:30pm - 6:50pm	PHY 1201	
	MW 7:00pm - 9:00pm	PHY 3312	Lab
	TuTh 7:00pm - 8:00pm	PHY 1201	Discussion

PHYS141 **Principles of Physics**

PHYS141 Principles of Physics; (4 credits) Grade Method: REG/P-F/AUD. CORE Physical Science Lab (PL) Course. GenEd: Distributive Studies - Natural Science Lab. *Corequisite: MATH141 or MATH221. Credit only granted for: PHYS141, PHYS161, or PHYS171.* The first of a two-semester series in general physics. The first semester covers the fields of mechanics, thermodynamics, and special relativity. This survey course will use calculus and is recommended for chemistry and zoology majors. It also satisfies the requirements of medical and dental schools.

0181	Darayash Tata	Seats (Total: 26)	
	Meets May 28, 2013 - July 7, 2013		
	MTuWThF 5:30pm - 6:50pm	PHY 1204	
	TuTh 7:00pm - 9:00pm	PHY 3314	Lab
	MW 7:00pm - 7:50pm	PHY 1204	Discussion

PHYS142 **Principles of Physics**

PHYS142 Principles of Physics; (4 credits) Grade Method: REG/P-F/AUD. CORE Physical Science Lab (PL) Course. GenEd: Distributive Studies - Natural Science Lab. *Prerequisite: PHYS141; or students who have taken courses with comparable content may contact the department. Credit only granted for: PHYS142, (PHYS260 and PHYS261), or PHYS272.* A continuation of PHYS141 covering waves, electricity and magnetism, optics and modern physics.

0281	Gary Pennington	Seats (Total: 27)	
	Meets July 8, 2013 - August 18, 2013		
	MTuWThF 5:30pm - 6:50pm	PHY 1402	
	TuTh 7:00pm - 9:00pm	PHY 3314	Lab
	MW 7:00pm - 7:50pm	PHY 1402	Discussion

PHYS161 **General Physics: Mechanics and Particle Dynamics**

PHYS161 General Physics: Mechanics and Particle Dynamics; (3 credits) Grade Method: REG/P-F/AUD. CORE Physical Science (PS) Course. GenEd: Distributive Studies - Natural Sciences.
Prerequisite: Must have completed or be concurrently enrolled in MATH141. Credit only granted for: PHYS141, PHYS161, or PHYS171. First semester of a three-semester calculus-based general physics course. Laws of motion, force, and energy; principles of mechanics, collisions, linear momentum, rotation, and gravitation.

0101	Darayash Tata	Seats (Total: 32)	
	Meets May 28, 2013 - July 7, 2013		
	MTuWThF 9:30am - 10:50am	PHY 1204	
	TuTh 11:00am - 11:50am	PHY 1204	Discussion

PHYS260 **General Physics: Vibration, Waves, Heat, Electricity and Magnetism**

PHYS260 General Physics: Vibration, Waves, Heat, Electricity and Magnetism; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - Natural Science Lab(if taken with PHYS261).
Prerequisite: PHYS161 and MATH141. Corequisite: PHYS261. Credit only granted for: PHYS142, (PHYS260 and PHYS261), or PHYS272. Second semester of a three-semester calculus-based general physics course. Vibrations, waves, fluids; heat, kinetic theory, and thermodynamics; electrostatics, circuits, and magnetism. PHYS260 and PHYS261 must be taken in the same semester and the grade for the courses will be combined into a single grade for both. To pass, students must complete passing work in both PHYS260 and PHYS261.

0201	Sergio Picozzi	Seats (Total: 28)	
	Meets July 8, 2013 - August 18, 2013		
	MTuWThF 9:30am - 10:50am	PHY 1204	
	MW 11:00am - 12:00pm	PHY 0405	Discussion

PHYS261 **General Physics: Vibrations, Waves, Heat, Electricity and Magnetism (Laboratory)**

PHYS261 General Physics: Vibrations, Waves, Heat, Electricity and Magnetism (Laboratory); (1 credit) Grade Method: REG/P-F/AUD.
Corequisite: PHYS260. Lab includes experiments on mechanics, vibrations, waves, heat, electricity and magnetism. PHYS260 and PHYS261 (lab) must be taken in the same semester and the grade for the courses will be combined into a single grade for both. To pass, students must complete passing work in both PHYS260 and PHYS261.

0201	Sergio Picozzi	Seats (Total: 28)	
	Meets July 8, 2013 - August 18, 2013		
	TuTh 1:00pm - 4:00pm	PHY 3219	Lab

PHYS261M **General Physics: Vibrations, Waves, Heat, Electricity and Magnetism (Laboratory)**

PHYS261M *(PermReq)* **General Physics: Vibrations, Waves, Heat, Electricity and Magnetism (Laboratory); (1 credit)** Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - Natural Science Lab.
Corequisite: PHYS260. Lab includes experiments on mechanics, vibrations, waves, heat, electricity and magnetism. PHYS260 and PHYS261 (lab) must be taken in the same semester and the grade for the courses will be combined into a single grade for both. To pass, students must complete passing work in both PHYS260 and PHYS261.

0201	Sergio Picozzi	Seats (Total: 10)	
	Meets July 8, 2013 - August 18, 2013		
	Contact instructor or department for details.		
	Restricted to students transferring a lab grade from a previous semester.		

PHYS270 **General Physics: Electrodynamics, Light, Relativity and Modern Physics**

PHYS270 General Physics: Electrodynamics, Light, Relativity and Modern Physics; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - Natural Science Lab(if taken with PHYS271).
Prerequisite: PHYS261, MATH241, and PHYS260. Corequisite: PHYS271. Credit only granted for: (PHYS270 and PHYS271) or PHYS273. Third semester of a three-semester calculus-based general physics course. Electrodynamics, Maxwell's equations and electromagnetic waves, geometrical optics, interference, diffraction, special theory of relativity, and modern physics. PHYS270 and PHYS271 (lab) must be taken in the same semester and the grade for the courses will be combined into a single grade for both. To pass, students must complete passing work in both PHYS270 and PHYS271.

0101	Michael Rapport	Seats (Total: 24)	
	Meets May 28, 2013 - July 7, 2013		
	MTuWThF 9:30am - 10:50am	PHY 1402	
	MW 11:00am - 12:00pm	PHY 1402	Discussion

PHYS271 **General Physics: Electrodynamics, Light, Relativity and Modern Physics (Laboratory)**

PHYS271 General Physics: Electrodynamics, Light, Relativity and Modern Physics (Laboratory); (1 credit) Grade Method: REG/P-F/AUD.
Prerequisite: PHYS261. Corequisite: PHYS270. Lab includes experiments on ac circuits, magnetism, light and modern physics. PHYS270 and PHYS271 (lab) must be taken in the same semester and the grade for the courses will be combined into a single grade for both. To pass, students must complete passing work in both PHYS270 and PHYS271.

0101	Michael Rapport	Seats (Total: 24)	
	Meets May 28, 2013 - July 7, 2013		
	MW 1:00pm - 4:00pm	PHY 3220	Lab

PHYS271M **General Physics: Electrodynamics, Light, Relativity and Modern Physics (Laboratory)**

PHYS271M General Physics: Electrodynamics, Light, Relativity and Modern Physics (Laboratory); (1 credit) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - Natural Science Lab.
Prerequisite: PHYS261. Corequisite: PHYS270. Lab includes experiments on ac circuits, magnetism, light and modern physics. PHYS270 and PHYS271 (lab) must be taken in the same semester and the grade for the courses will be combined into a single grade for both. To pass, students must complete passing work in both PHYS270 and PHYS271.

0101	Michael Rapport	Seats (Total: 10)
	Meets May 28, 2013 - July 7, 2013	
	Contact instructor or department for details.	

PHYS299 **Special Problems in Physics**

PHYS299 *(PermReq)* **Special Problems in Physics; (1-6 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

PHYS399 **Special Problems in Physics**

PHYS399 *(PermReq)* **Special Problems in Physics; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

PHYS499	**Special Problems in Physics** **PHYS499** *(PermReq)* **Special Problems in Physics; (1-16 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number. **Contact department for information to register for this course.**
PHYS798	**Special Problems in Advanced Physics** **PHYS798** *(PermReq)* **Special Problems in Advanced Physics; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number. Contact department to make arrangements. **Contact department for information to register for this course.**
PHYS798I	**Special Problems in Advanced Physics; RF Superconductivity: Physics, Technology and Applications** **Contact department for information to register for this course.**
PHYS798J	**Special Problems in Advanced Physics; Beam Dynamics Experiments on University of Maryland Electron Ring** **Contact department for information to register for this course.**
PHYS798K	**Special Problems in Advanced Physics; Beam Physics with Intense Space Charge** **Contact department for information to register for this course.**
PHYS798M	**Special Problems in Advanced Physics; Medical Applications of Accelerators** **Contact department for information to register for this course.**
PHYS798O	**Special Problems in Advanced Physics; Laser Plasma Accelerators** **Contact department for information to register for this course.**
PHYS798Q	**Special Problems in Advanced Physics; Vacuum Electron Devices** **Contact department for information to register for this course.**
PHYS798R	**Special Problems in Advanced Physics; Beam-Based Diagnostics** **Contact department for information to register for this course.**

PHYS798T **Special Problems in Advanced Physics; Radiation Detection and Imaging for Medicine and Homeland Security**

Contact department for information to register for this course.

PHYS798V **Special Problems in Advanced Physics; Laser Application to Accelerators**

Contact department for information to register for this course.

PHYS798W **Special Problems in Advanced Physics; Microwave Sources**

Contact department for information to register for this course.

PHYS798X **Special Problems in Advanced Physics; Control Room Accelerator Physics**

Contact department for information to register for this course.

PHYS799 **Master's Thesis Research**

PHYS799 *(PermReq)* **Master's Thesis Research; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

PHYS898 **Pre-Candidacy Research**

PHYS898 *(PermReq)* **Pre-Candidacy Research; (1-8 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

PHYS899 **Doctoral Dissertation Research**

PHYS899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

PLSC Plant Sciences Summer 2013

PLSC100 **Introduction to Horticulture**

PLSC100 Introduction to Horticulture; (4 credits) Grade Method: REG/P-F/AUD. CORE Life Science Lab (LL) Course. GenEd: Distributive Studies - Natural Science Lab.
An overview to the art and science of horticulture. Relationships between plant science and plant production, the use of horticultural plants and plant stress as influenced by cultural practices. Students must pay a $50.00 lab materials fee. Click here for more course information.

0112	Whitney Griffin	Seats (Total: 24)	
	Meets May 28, 2013 - July 7, 2013		
	MTuWThF 9:30am - 10:50am	PLS 1111	
	MW 12:30pm - 3:20pm	PLS 1153	Lab

PLSC389 **Internship**

PLSC389 *(PermReq)* **Internship; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

PLSC399 **Special Problems in Plant Science**

PLSC399 Special Problems in Plant Science; (1-3 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

PLSC608 **Research Methods**
Contact department for information to register for this course.

PLSC789M **Advances in Research; Plant Membrane Biology**

PLSC789M Advances in Research: Plant Membrane Biology; (1 credit) Grade Method: REG/AUD.

0101	Angus Murphy, Wendy Peer	Seats (Total: 10)
	Meets May 28, 2013 - July 7, 2013	
	Contact instructor or department for details.	

0201	Wendy Peer	Seats (Total: 10)
	Meets July 8, 2013 - August 18, 2013	
	Contact instructor or department for details.	

PLSC799 **Master's Thesis Research**

PLSC799 Master's Thesis Research; (1-6 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

PLSC898 **Pre-Candidacy Research**

PLSC898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

PLSC899 **Doctoral Dissertation Research**

PLSC899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

PORT Portuguese Summer 2013

PORT104 **Intensive Elementary Portuguese**
Contact department for information to register for this course.

PORT204 **Intensive Intermediate Portuguese**
Contact department for information to register for this course.

PORT205 **Intermediate Reading and Conversation in Portuguese I**
Contact department for information to register for this course.

PORT230 **Brazilian Portuguese through Film**
Contact department for information to register for this course.

PORT269C **Special Topics in Study Abroad II; Intermediate Portuguese II**

Contact department for information to register for this course.

PORT369C **Special Topics in Study Abroad III; Portuguese Composition**
Contact department for information to register for this course.

PORT386 **Experiential Learning**

PORT386 *(PermReq)* **Experiential Learning; (3 credits)** Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.
Restriction: Permission of ARHU-School of Languages, Literatures, and Cultures department; and junior standing or higher.

Contact department for information to register for this course.

PORT405 **Portuguese for Spanish Speakers**

PORT405 Portuguese for Spanish Speakers; (3 credits) Grade Method: REG/P-F/AUD.
Restriction: Must have native or acquired fluency in Spanish. Intensive basic grammar, reading and auditory comprehension. Native or acquired fluency in Spanish required.

0101	Talia Guzman-Gonzalez	Seats (Total: 25)
	Meets May 28, 2013 - July 7, 2013	
	TuTh 6:00pm - 9:20pm	PLS 1117

PSYC Psychology Summer 2013

PSYC100 **Introduction to Psychology**

PSYC100 Introduction to Psychology; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. GenEd: Distributive Studies - History and Social Sciences or Distributive Studies - Natural Sciences.
A basic introductory course, intended to bring the student into contact with the major problems confronting psychology and the more important attempts at their solution.

0601	Steven Brauth	Seats (Total: 25)
	Meets July 29, 2013 - August 16, 2013	
	MTuWThF 10:00am - 12:40pm	BPS 1236

FF61	Steven Brauth **Meets July 29, 2013 - August 16, 2013** MTuWThF 10:00am - 12:40pm *Restricted to students in Freshman First. For Program information click here .*	Seats (Total: 10) BPS 1236
WB11	Ryan Curtis **Meets May 28, 2013 - July 7, 2013** Class time/details on ELMs	Seats (Total: 50) ONLINE

PSYC200 **Statistical Methods in Psychology**

PSYC200 Statistical Methods in Psychology; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Fundamental Studies - Analytic Reasoning.
Prerequisite: PSYC100; and 1 course with a minimum grade of C- from (MATH220, STAT100, MATH111, MATH130, MATH140). Credit only granted for: BIOM301, BMGT230, CCJS200, ECON321, EDMS451, GEOG306, GVPT422, PSYC200, or SOCY201. A basic introduction to quantitative methods used in psychological research.

WB21	Tracy Tomlinson **Meets July 8, 2013 - August 18, 2013** Class time/details on ELMs	Seats (Total: 60) ONLINE

PSYC206 **Developmental Biopsychology**

PSYC206 Developmental Biopsychology; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: PSYC100. Biological basis of behavioral development in relation to genetic, constitutional, anatomical, physiological, and environmental factors. Emphasis upon both phylogenetic and ontogenetic research findings in biological psychology.

0401	Steven Brauth **Meets July 8, 2013 - July 26, 2013** MTuWThF 9:30am - 12:10pm	Seats (Total: 25) BPS 1228

PSYC221 **Social Psychology**

PSYC221 Social Psychology; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. GenEd: Distributive Studies - History and Social Sciences or Distributive Studies - Scholarship in Practice.
Prerequisite: PSYC100. The influence of social factors on the individual and on interpersonal behavior. Includes topics such as conformity, attitude change, person perception, interpersonal attraction, and group behavior. Click here for sample course syllabus.

0101	Dylan Selterman	Seats (Total: 40)
	Meets May 28, 2013 - July 7, 2013	
	TuTh 1:00pm - 4:20pm	BPS 1238
YS41	Tiane Lee	Seats (Total: 30)
	Meets July 8, 2013 - July 26, 2013	
	MTuWThF 9:30am - 12:10pm	PLS 1117
	This section is part of the Young Scholars Program. Enrollment by permission only.	

PSYC289E **Psychology of Evil**

PSYC289E *(PermReq)* **Psychology of Evil; (3 credits)** Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. GenEd: Distributive Studies - History and Social Sciences or Distributive Studies - Scholarship in Practice; Signature Courses - I-Series.
This section is part of The Young Scholars Program. Enrollment by permission only. Why is there evil in the world? Are some born evil, or do social, environmental and cultural forces create evil? What makes otherwise good people do evil things? The scientific study of evil epitomizes the fundamental challenge that psychology faces in dissecting the role of biology (nature) and the social context (nurture). Click here for more course information. Click here for sample course syllabus.

YS41	Scott Roberts	Seats (Total: 30)
	Meets July 8, 2013 - July 26, 2013	
	MTuWThF 9:30am - 12:10pm	BPS 1236

PSYC300 **Research Methods in Psychology Laboratory**

PSYC300 Research Methods in Psychology Laboratory; (4 credits) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - Scholarship in Practice. *Prerequisite: PSYC200. Restriction: Must be in Psychology program. Credit only granted for: PSYC300 or PSYC309R. Formerly: PSYC309R.* A general introduction and overview to the fundamental theoretical, conceptual, and practical issues in psychological research in both the laboratory and the field.

0101	Susan Teubner-Rhodes	Seats (Total: 30)	
	Meets May 28, 2013 - July 7, 2013		
	WTh 1:00pm - 4:20pm	BPS 1142	
	Tu 1:00pm - 4:20pm	BPS 1228	Lab

PSYC332 **Psychology of Human Sexuality**
Contact department for information to register for this course.

PSYC334 **Psychology of Interpersonal Relationships**

PSYC334 Psychology of Interpersonal Relationships; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: PSYC100. Research, theory and their practical applications pertaining to the development, maintenance and dissolution of human relationships. Processes critical to successful relating (e.g., communication, bargaining, conflict resolution), and issues associated with troubled dyadic relations with equal partners (e.g., jealousy, spouse abuse, divorce).

0201	Ryan Curtis	Seats (Total: 25)	
	Meets July 8, 2013 - August 18, 2013		
	MW 9:30am - 12:50pm	BPS 1238	

PSYC338G **Special Topics in Study Abroad III; The Social Brain: Neuropsychology of Social Behaviors**
Contact department for information to register for this course.

PSYC338P **Special Topics in Study Abroad III; Positive Psychology**
Contact department for information to register for this course.

PSYC389 **Experiential Learning**

PSYC389 *(PermReq)* **Experiential Learning; (1-6 credits)** Grade Method: REG/P-F/AUD.
For PSYC majors only. A course for undergraduate psychology majors to earn academic credit for an approved psychology-related internship experience. Information about the course may be obtained in BPS 1107, or by contacting the instructor. Restricted to PSYC majors only.

I101	Steven Young	Seats (Total: 5)
	Meets May 28, 2013 - August 18, 2013	
	Contact instructor or department for details.	

PSYC424 **Communication and Persuasion**

PSYC424 Communication and Persuasion; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - Scholarship in Practice.
Prerequisite: PSYC221 and PSYC200. Effect of social communication upon behavior and attitudes. Theory and research concerning attitude change and social influence.

0101	Scott Roberts	Seats (Total: 25)
	Meets May 28, 2013 - July 7, 2013	
	MW 9:00am - 12:45pm	BPS 1236

PSYC432 **Counseling Psychology: Theories, Research, and Practice**

PSYC432 Counseling Psychology: Theories, Research, and Practice; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: PSYC200. Analysis of research and intervention strategies developed and used by counseling psychologists. Historical and current trends in content and methodology.

0301	Cristina Risco	Seats (Total: 30)
	Meets May 28, 2013 - June 14, 2013	
	MTuWTh 9:30am - 12:55pm	BPS 0283

PSYC433 **Basic Helping Skills: Research and Practice**

PSYC433 Basic Helping Skills: Research and Practice; (4 credits) Grade Method: REG.
Prerequisite: PSYC300; and (PSYC434, PSYC334, PSYC353, PSYC435, PSYC436, or PSYC432). Restriction: Must be in Psychology program; and must have earned a minimum of 85 credits. Theories and research regarding effective helping skills. Students will practice helping skills with each other and will conduct research projects evaluating their helping skills. Students should be willing to talk about personal issues in class. Because of the participatory nature of this class, attendance normally will be included in the computation of grades.

0101	Kathryn Ziemer **Meets May 28, 2013 - July 7, 2013** MWF 9:00am - 12:00pm	Seats (Total: 25) BPS 1228
0201	Andres Perez Rojas **Meets July 8, 2013 - August 18, 2013** MWF 9:00am - 12:00pm	Seats (Total: 25) BPS 1103

PSYC436 **Introduction to Clinical Psychology: From Science to Practice**
Contact department for information to register for this course.

PSYC438F **Special Topics in Study Abroad IV; Freud's Footsteps: Psychotherapy Then and Now**
Contact department for information to register for this course.

PSYC479 **Special Research Problems in Psychology**

PSYC479 *(PermReq)* **Special Research Problems in Psychology; (1-3 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Click here for sample course syllabus.

Contact department for information to register for this course.

PSYC629 **Clinical Laboratory**

PSYC629 *(PermReq)* **Clinical Laboratory; (1-3 credits)** Grade Method: S-F.

0101	Mary Byrne **Meets May 28, 2013 - August 16, 2013** Contact instructor or department for details.	Seats (Total: 20)

0120	Julia Felton	Seats (Total: 5)
	Meets May 28, 2013 - July 7, 2013	
	Contact instructor or department for details.	

PSYC638 **Externship in Professional Psychology**

PSYC638 *(PermReq)* **Externship in Professional Psychology; (1-3 credits)** Grade Method: S-F.

0101	Jack Blanchard	Seats (Total: 10)
	Meets May 28, 2013 - August 16, 2013	
	Contact instructor or department for details.	
0102	Karen O'Brien	Seats (Total: 15)
	Meets May 28, 2013 - August 16, 2013	
	Contact instructor or department for details.	
I301	Karen O'Brien	Seats (Total: 10)
	Meets May 28, 2013 - August 18, 2013	
	Contact instructor or department for details.	

PSYC665 **Understanding Torture and Trauma II**

PSYC665 Understanding Torture and Trauma II; (3 credits) Grade Method: REG/AUD.
Prerequisite: PSYC663. Restriction: Must be in the Graduate Certificate of Professional Studies in Treating Survivors of Violence, Torture, and Trauma: Theoretical Foundations and Mental Health; or permission of instructor. This is the second course in a searies of two classes focused on theory, research, and psychological interventions related to the treatment of survivors of torture and trauma. Current approaches to treatment of torture survivors, as well as psychological, social/familial, spiritual, physical, community, and political implications of torture will be introduced.

PLV1	Sheetal Patel	Seats (Total: 20)
	Meets May 27, 2013 - August 16, 2013	
	Class time/details on ELMs	ONLINE
	Restricted to students in the VTT Program.	

PSYC788 **Special Research Problems; Racial/Ethnic Bases of Behavior**

PSYC788 Special Research Problems: Racial/Ethnic Bases of Behavior; (3 credits) Grade Method: REG/AUD.

0101	Carl Lejuez	Seats (Total: 5)
	Meets May 28, 2013 - July 7, 2013	
	Contact instructor or department for details.	

PSYC789 **Special Research Problems**

PSYC789 Special Research Problems; (1-4 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

PSYC799 **Master's Thesis Research**

PSYC799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

PSYC898 **Pre-Candidacy Research**

PSYC898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

PSYC899 **Doctoral Dissertation Research**

PSYC899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

PUAF Public Policy Summer 2013

PUAF386 **Experiential Learning**

PUAF386 *(PermReq)* **Experiential Learning; (3-6 credits)** Grade Method: REG.
Prerequisite: Permission of PUAF-School of Public Policy. Repeatable to 12 credits if content differs.

I101	Nina Harris	Seats (Total: 5)	
	Meets May 28, 2013 - July 7, 2013		
	Contact instructor or department for details.		

PUAF610 **Quantitative Aspects of Public Policy**
Contact department for information to register for this course.

PUAF640 **Microeconomic and Policy Analysis**
Contact department for information to register for this course.

PUAF641 **Macroeconomics and Policy Analysis**

PUAF641 Macroeconomics and Policy Analysis; (3 credits) Grade Method: REG/AUD.
Restriction: Must be in a major in PUAF-School of Public Policy; or permission of PUAF-School of Public Policy. Studies the behavior of the economy as a whole: the level of national income, unemployment, and inflation; the vulnerability of the U.S. economy to external influences; possible federal influence over the level of economic activity; and the consequences for prices, employment and the U.S. trade deficit. Also examines possible U.S. policy responses to widespread debt crises in developing countries.

0101	William Helkie	Seats (Total: 20)	
	Meets May 28, 2013 - July 7, 2013		
	MW 5:30pm - 8:45pm	VMH 1207	
	TuTh 5:30pm - 8:45pm	VMH 1207	Discussion

PUAF650 **Moral Dimensions of Public Policy**
Contact department for information to register for this course.

PUAF670 **Finance**
Contact department for information to register for this course.

PUAF671 **Public Sector Finance**
Contact department for information to register for this course.

PUAF688X **Topics in Public Policy; Performance Management**
Contact department for information to register for this course.

PUAF689D **Public Policy Topics; Social Entrepreneurship**

PUAF689D Public Policy Topics: Social Entrepreneurship; (3 credits) Grade Method: REG/AUD.

DC26	James Sanders	Seats (Total: 36)
	Meets July 27, 2013 - August 17, 2013	
	Sa 9:00am - 4:15pm	DC C4

PUAF689X **Public Policy Topics; Performance Management**
Contact department for information to register for this course.

PUAF692 **Leadership Principles and Practices**
Contact department for information to register for this course.

PUAF698 **Selected Topics in Public Affairs**
Contact department for information to register for this course.

PUAF698A **Selected Topics in Public Affairs; Smart Growth**
Contact department for information to register for this course.

PUAF698C **Selected Topics in Public Affairs; Intelligence and Policy**
Contact department for information to register for this course.

PUAF698F **Selected Topics in Public Affairs; Jobs, Justice and the Environment**
Contact department for information to register for this course.

PUAF698N **Selected Topics in Public Affairs; Intelligence Policy and Organizations**
Contact department for information to register for this course.

PUAF698P **Selected Topics in Public Affairs; Information Technology and Policy**
Contact department for information to register for this course.

PUAF698T **Selected Topics in Public Affairs; Managing Across Sectors**

	Contact department for information to register for this course.
PUAF698X	**Selected Topics in Public Affairs; Performance Management and Leading for Results** **Contact department for information to register for this course.**
PUAF699G	**Selected Topics Public Policy; Leadership in Groups and Organizations** **Contact department for information to register for this course.**
PUAF699O	**Selected Topics Public Policy; 21st Century Policy Challenges** **Contact department for information to register for this course.**
PUAF699R	**Selected Topics Public Policy; Critical Thinking and Analytical Methodology** **Contact department for information to register for this course.**
PUAF699T	**Selected Topics Public Policy; Terrorism Analysis: Tools & Practices** **Contact department for information to register for this course.**
PUAF699V	**Selected Topics Public Policy; Homeland Security Policy** **Contact department for information to register for this course.**
PUAF699W	**Selected Topics Public Policy; Motivations and Intents of Terrorism** **Contact department for information to register for this course.**
PUAF699X	**Selected Topics Public Policy; Organizational Behavior** **Contact department for information to register for this course.**
PUAF711	**Public Management and Leadership** **PUAF711 Public Management and Leadership; (3 credits)** Grade Method: REG/AUD. *Restriction: Must be in a major in PUAF-School of Public Policy; or permission of PUAF-School of Public Policy.* Reviews the managerial, political, and ethical problems faced by public sector managers and leaders, including setting an organization's goals, obtaining and protecting a program mandate, designing a service delivery system and implementing a new program.

0101	Elizabeth Duke	Seats (Total: 20)
	Meets May 28, 2013 - July 7, 2013	
	TuTh 5:30pm - 8:45pm	VMH 1203

PUAF712 **Analysis of Fiscal Conditions**
Contact department for information to register for this course.

PUAF724 **Problems of Global Security**
Contact department for information to register for this course.

PUAF740 **Public Policy and the Environment**
Contact department for information to register for this course.

PUAF752 **Managing Differences:Resolving Conflict and Negotiating Agreements**
Contact department for information to register for this course.

PUAF753 **Advanced Negotiations**
Contact department for information to register for this course.

PUAF770 **Seminar in Housing and Community Development Strategies**
Contact department for information to register for this course.

PUAF772 **Housing Finance**
Contact department for information to register for this course.

PUAF774 **Asset Management**
Contact department for information to register for this course.

PUAF790 **Project Course**
Contact department for information to register for this course.

PUAF798A **Readings in Public Policy; Readings in Public Policy**

PUAF798A Readings in Public Policy: Readings in Public Policy; (1-3 credits)
Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Restricted to PUAF majors or permission of instructor.

Contact department for information to register for this course.

PUAF798B **Readings in Public Policy; Readings in Public Policy**

PUAF798B Readings in Public Policy: Readings in Public Policy; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.
Restricted to PUAF majors or permission of instructor.

Contact department for information to register for this course.

PUAF898 **Pre-Candidacy Research**

PUAF898 *(PermReq)* **Pre-Candidacy Research; (1-8 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

PUAF899 **Doctoral Dissertation Research**

PUAF899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

RDEV Real Estate Development Summer 2013

RDEV689D **Current Topics in Real Estate Development; Portfolio and Asset Management for Commercial Property Owners**

RDEV689D *(PermReq)* **Current Topics in Real Estate Development: Portfolio and Asset Management for Commercial Property Owners; (3 credits)** Grade Method: REG/AUD.
Prerequisite: permission of department. Meets June 7, 8, or 9.

0101	Margaret McFarland	Seats (Total: 22)
	Meets May 28, 2013 - July 7, 2013	
	F 6:00pm - 10:00pm	Location: TBA
	Sa 9:00am - 6:00pm	Location: TBA
	Su 9:00am - 2:00pm	Location: TBA
	Class will not meet June 7, 8, or 9. Friday 6-10pm June 1, June 15, June 29 Saturday 9am-6pm June 2, June 16, June 30 Sunday 9am-2pm June 3, June 17, July 1	

RDEV689N **Current Topics in Real Estate Development; Construction Methods and Materials: Introduction**

RDEV689N *(PermReq)* **Current Topics in Real Estate Development: Construction Methods and Materials: Introduction; (3 credits)** Grade Method: REG/AUD. Prerequisite: permission of department.

0201	Robert McClennan	Seats (Total: 15)
	Meets July 8, 2013 - August 18, 2013	
	MTh 6:30pm - 9:45pm	ARC 1103

RDEV689Y **Current Topics in Real Estate Development; Guided Real Estate Development Project**

RDEV689Y *(PermReq)* **Current Topics in Real Estate Development: Guided Real Estate Development Project; (1 credit)** Grade Method: REG/AUD. Permission of the department required to register.

0101	Instructor: TBA	Seats (Total: 20)
	Meets May 28, 2013 - July 7, 2013	
	Contact instructor or department for details.	

RELS Religious Studies Summer 2013

RELS269G **Special Topics in Study Abroad II; From Asoka to Gandhi: Buddhism and Hinduism in Contemporary Society**

Contact department for information to register for this course.

RELS289T **The Practice of Tolerance in Religious Societies**

RELS289T The Practice of Tolerance in Religious Societies; (3 credits) Grade Method: REG/P-F/AUD. CORE Humanities (HO) Course. CORE Diversity (D) Course. GenEd: Distributive Studies - Humanities; Diversity - Understanding Plural Societies; Signature Courses - I-Series.
Also offered as HIST289G and JWST289T.

WB21	Bernard Cooperman	Seats (Total: 40)
	Meets July 8, 2013 - August 18, 2013	
	Class time/details on ELMs	ONLINE

RELS346 **History of Religion in America**

RELS346 History of Religion in America; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: HIST255, HIST211, HIST156, HIST254, HIST213, HIST157, or HIST210; or permission of instructor. Also offered as: HIST306. Credit only granted for: HIST306 or RELS346.* A history of religion, religious movements, and churches in America from the early Colonial period to the present, with special attention to the relation between church and society.

WB31	Miles Bradbury	Seats (Total: 40)
	Meets May 28, 2013 - June 14, 2013	
	Class time/details on ELMs	ONLINE

RELS369R **Special Topics in Study Abroad III; Christianity and the Roman Empire (100-425CE)**
Contact department for information to register for this course.

RUSS Russian Summer 2013

RUSS101 **Intensive Elementary Russian I**

RUSS101 Intensive Elementary Russian I; (6 credits) Grade Method: REG/P-F/AUD.
Prerequisite: Must have appropriate Foreign Language Placement Test (FLPT) score. Restriction: Must not be a native/fluent speaker of Russian. Credit only granted for: RUSS101 or (RUSS111 and RUSS112). This intensive first-year course is intended to develop the four skills: reading, writing, listening and speaking with an emphasis on communicative competence. Interested students should contact Dr. Cynthia Martin, cmartin@umd.edu, for more information.

0101	Cynthia Martin, Leysan Khakimova	Seats (Total: 15)
	Meets May 28, 2013 - July 7, 2013	
	MTuWTh 10:00am - 1:30pm	JMZ 2117

RUSS102 **Intensive Elementary Russian II**

RUSS102 Intensive Elementary Russian II; (6 credits) Grade Method: REG/P-F/AUD.
Prerequisite: RUSS101 or RUSS102; and must have appropriate Foreign Language Placement Test (FLPT) score. Restriction: Must not be a native/fluent speaker of Russian. Credit only granted for: RUSS102 or (RUSS113 and RUSS114). A continuation of RUSS101 which will further develop the four skills: reading, writing, listening and speaking with an emphasis on communicative competence. Interested students should contact Dr. Cynthia Martin, cmartin@umd.edu, for more information.

0201	Cynthia Martin, Anna Lukyanchenko	Seats (Total: 15)
	Meets July 8, 2013 - August 18, 2013	
	MTuWTh 10:00am - 1:30pm	JMZ 2120

RUSS499 **Independent Study in Russian**

RUSS499 Independent Study in Russian; (1-3 credits) Grade Method: REG.

0201	Instructor: TBA	Seats (Total: 1)
	Meets July 8, 2013 - August 18, 2013	
	Contact instructor or department for details.	

SOCY Sociology Summer 2013

SOCY100 **Introduction to Sociology**

SOCY100 Introduction to Sociology; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. GenEd: Distributive Studies - History and Social Sciences.
The fundamental concepts and principles of sociology. Includes consideration of culture, patterns of social interaction, norms, values, social institutions, stratification, and social change.

0501	Beverly Pratt	Seats (Total: 35)
	Meets June 17, 2013 - July 5, 2013	
	MTuWThF 9:00am - 11:45am	ASY 3211
	Students who wish to register for this section after June 4, 2012, please e-mail summer@umd.edu .	

WB61	Lester Andrist	Seats (Total: 30)
	Meets July 29, 2013 - August 16, 2013	
	Class time/details on ELMs	ONLINE

SOCY105 **Introduction to Contemporary Social Problems**

SOCY105 Introduction to Contemporary Social Problems; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. GenEd: Distributive Studies - History and Social Sciences.
An examination of contemporary social problems through sociological perspectives; ways in which social problems are part of the organization of society; a detailed study of selected social problems including social conflict and social inequality.

WB21	Kendra Barber	Seats (Total: 30)
	Meets July 8, 2013 - August 18, 2013	
	Class time/details on ELMs	ONLINE

SOCY200 **Human Societies**

SOCY200 Human Societies; (3 credits) Grade Method: REG/P-F/AUD. CORE Behavioral and Social Science (SB) Course. GenEd: Distributive Studies - History and Social Sciences; Signature Courses - I-Series.
A comparative, historical, interdisciplinary study of human socieities that focuses on the main components of human societies, how they are organized, how they change, and how they come to shape our collective social existence.

0201	John Pease	Seats (Total: 27)
	Meets July 8, 2013 - August 18, 2013	
	MTuWThF 9:30am - 10:50am	ASY 2309
XA21	John Pease	Seats (Total: 0)
	Meets July 8, 2013 - August 18, 2013	
	MTuWThF 9:30am - 10:50am	ASY 2309

SOCY201 **Introductory Statistics for Sociology**

SOCY201 Introductory Statistics for Sociology; (4 credits) Grade Method: REG/P-F/AUD.
Prerequisite: SOCY100 and MATH111; or students who have taken courses with comparable content may contact the department. Restriction: Must not have completed STAT400, BMGT231, or ENEE324. Credit only granted for: BIOM301, BMGT230, CCJS200, ECON321, EDMS451, GEOG306, GVPT422, PSYC200, or SOCY201. Elementary descriptive and inferential statistics. Construction and percentaging of bivariate contingency tables; frequency distributions and graphic presentations; measures of central tendency and dispersion; parametric and nonparametric measures of association and correlation; regression; probability; hypothesis testing; the normal, binomial and chi-square distributions; point and interval estimates.

0201	Mary Kniskern	Seats (Total: 35)	
	Meets July 8, 2013 - August 18, 2013		
	MTuWThF 9:30am - 10:50am	ASY 3203	
	MW 11:00am - 11:50am	ASY 3203	Lab

SOCY203 **Sociological Theory**

SOCY203 Sociological Theory; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: SOCY100. Development of the science of sociology; historical backgrounds; recent theories of society. Required of all sociology majors. Click here for more course information.

0601	Anya Galli	Seats (Total: 40)
	Meets July 29, 2013 - August 16, 2013	
	MTuWThF 9:30am - 12:00pm	ASY 3207

SOCY230 **Sociological Social Psychology**

SOCY230 Sociological Social Psychology; (3 credits) Grade Method: REG/P-F/AUD.
Theoretical perspectives and their applications. Socialization through the life course, the self-concept, attitudes, emotion, attribution, interpersonal relations, group processes, deviance, and social change.

WB21	Amy Baxter	Seats (Total: 30)
	Meets July 8, 2013 - August 18, 2013	
	Class time/details on ELMs	ONLINE

SOCY305 **Scarcity and Modern Society**

SOCY305 Scarcity and Modern Society; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: 3 credits in SOCY courses.* Resource depletion and the deterioration of the environment. Relationship to lifestyles, individual consumer choices, cultural values, and institutional failures. Projection of the future course of American society on the basis of the analysis of scarcity, theories of social change, current trends, social movements, government actions, and the futurist literature.

0401	Kurt Finsterbusch	Seats (Total: 35)
	Meets July 8, 2013 - July 26, 2013	
	MTuWThF 9:30am - 12:00pm	ASY 3207

SOCY325 **The Sociology of Gender**

SOCY325 The Sociology of Gender; (3 credits) Grade Method: REG/P-F/AUD. CORE Diversity (D) Course.
Prerequisite: 3 credits in SOCY courses. Also offered as: WMST325. Credit only granted for: SOCY325 or WMST325. Institutional bases of gender roles and gender inequality, cultural perspectives on gender, gender socialization, feminism, and gender-role change. Emphasis on contemporary American society.

0601	Mehmet Ergun	Seats (Total: 35)
	Meets July 29, 2013 - August 16, 2013	
	MTuWTh 6:00pm - 9:10pm	ASY 3211
	Students who wish to register for this section after July 13, 2012, please e-mail summer@umd.edu .	
WB11	Michelle Sandhoff	Seats (Total: 30)
	Meets May 28, 2013 - July 5, 2013	
	Class time/details on ELMs	ONLINE

SOCY358C **Special Topics in Study Abroad III; Livability in the Modern City**
Contact department for information to register for this course.

SOCY358F **Special Topics in Study Abroad III; Sociology of Contemporary Italy**
Contact department for information to register for this course.

SOCY380 **Honors Independent Reading in Sociology**

SOCY380 Honors Independent Reading in Sociology; (3 credits) Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.
Restriction: Permission of BSOS-Sociology department. Formerly: SOCY378. This course permits sociology honor students to undertake a program or reading on a particular problem in sociology or a subfield therein. The reading will be done under the supervision of a member of the sociology faculty. Required of sociology honor students.

Contact department for information to register for this course.

SOCY381 **Honors Independent Research in Sociology**

SOCY381 Honors Independent Research in Sociology; (3 credits) Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: SOCY380. Formerly: SOCY388. This course permits sociology students to define a particular problem in sociology or a subfield therein and to develop a research plan for use as a thesis topic. The work will be done under the supervision of a member of the sociology faculty.

Contact department for information to register for this course.

SOCY383 **Honors Thesis Research**

SOCY383 Honors Thesis Research; (3 credits) Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.
Prerequisite: SOCY381. Formerly: SOCY389. Student research under the direction of a member of the sociology faculty, culminating in the presentation and defense of a thesis reporting the research.

Contact department for information to register for this course.

SOCY386 **Experiential Learning**

SOCY386 *(PermReq)* **Experiential Learning; (3-6 credits)** Grade Method: REG/P-F. Individual Instruction course: contact department or instructor to obtain section number.
Restriction: Permission of BSOS-Sociology department; and junior standing or higher.

Contact department for information to register for this course.

SOCY398D **Special Topics in Sociology; Power and Influence in Organizations**

SOCY398D Special Topics in Sociology: Power and Influence in Organizations; (3 credits) Grade Method: REG/P-F/AUD.
Topics include: the importance of power, acquiring power, networks and s ocial structure, influence, and application of these concepts in the wor kplace.

WB11	Marek Posard	Seats (Total: 30)
	Meets May 28, 2013 - July 7, 2013	
	Class time/details on ELMs	ONLINE

SOCY399 **Independent Study in Sociology**

SOCY399 *(PermReq)* **Independent Study in Sociology; (1-6 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

SOCY410 **Social Demography**

SOCY410 Social Demography; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: 6 credits in SOCY courses; or permission of BSOS-Sociology department. Types of demographic analysis; demographic data; population characteristics; migration; mortality; fertility; population theories; world population growth; population policy.

0401	Julie Park	Seats (Total: 40)
	Meets July 8, 2013 - July 26, 2013	
	MTuWTh 9:00am - 12:15pm	ASY 3211

SOCY441 **Social Stratification and Inequality**

SOCY441 Social Stratification and Inequality; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: 6 credits in SOCY courses; or permission of BSOS-Sociology department. Restriction: Junior standing or higher. The sociological study of social class, status, and power. Topics include theories of stratification, correlates of social position, functions and dysfunctions of social inequality, status inconsistency, and social mobility.

WB51	John Pease	Seats (Total: 60)
	Meets June 17, 2013 - July 6, 2013	
	Class time/details on ELMs	ONLINE

SOCY443 **The Family and Society**

SOCY443 The Family and Society; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: 6 credits in SOCY courses; or permission of BSOS-Sociology department. Study of the family as a social institution; its biological and cultural foundations, historical development, changing structures and functions, the interaction of marriage and parenthood, disorganizing and reorganizing factors in present-day trends.

WB31	Kathleen Denny	Seats (Total: 30)
	Meets May 28, 2013 - June 14, 2013	
	Class time/details on ELMs	ONLINE

SOCY458T **Special Topics in Study Abroad IV; Human Trafficking in a Global Context**
Contact department for information to register for this course.

SOCY458Z **Special Topics in Study Abroad IV; Gender and Sexuality in Scandinavia**

SOCY458Z Special Topics in Study Abroad IV: Gender and Sexuality in Scandinavia; (3 credits) Grade Method: REG/P-F/AUD.

Contact department for information to register for this course.

SOCY467 **Sociology of Education**

SOCY467 Sociology of Education; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: 6 credits in SOCY courses; or permission of BSOS-Sociology department.* Sociological analysis of educational institutions and their relation to society: goals and functions, the mechanisms of social control, and the impacts of stratification and social change. Study of the school as a formal organization, and the roles and subcultures of teachers and students.

0301	Linda Moghadam	Seats (Total: 35)
	Meets May 28, 2013 - June 14, 2013	
	MTuWTh 6:00pm - 9:30pm	ASY 3203

SOCY498R **Selected Topics in Sociology; Spain: Barcelona and the Changing Meaning of Place**

Contact department for information to register for this course.

SOCY699 **Special Social Problems**

SOCY699 Special Social Problems; (3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

SOCY799 **Master's Thesis Research**

SOCY799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

SOCY898 **Pre-Candidacy Research**

SOCY898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

SOCY899 **Doctoral Dissertation Research**

SOCY899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

SPAN Spanish Summer 2013

SPAN103 **Intensive Elementary Spanish**

SPAN103 Intensive Elementary Spanish; (4 credits) Grade Method: REG/P-F/AUD. *Prerequisite: Must have appropriate Foreign Language Placement Test (FLPT) score. Restriction: Must not be a native/fluent speaker of Spanish. Credit only granted for: SPAN102 or SPAN103.* Covers speaking, reading, writing, listening, and culture of Spanish-speaking world.

0101	Matthew Lewis **Meets May 28, 2013 - July 7, 2013** MTuWTh 9:30am - 11:45am	Seats (Total: 25) TYD 2110
0102	Maggy Rodriguez **Meets May 28, 2013 - July 7, 2013** TuWTh 6:00pm - 9:00pm	Seats (Total: 25) JMZ 3120

SPAN169W **Special Topics in Study Abroad I; Introduction to Spanish Lanuage I**
Contact department for information to register for this course.

SPAN169X **Special Topics in Study Abroad I; Elementary Spanish I**
Contact department for information to register for this course.

SPAN169Y **Special Topics in Study Abroad I; Elementary Spanish II**
Contact department for information to register for this course.

SPAN169Z **Special Topics in Study Abroad I; Introduction to Spanish Lanuage II**
Contact department for information to register for this course.

SPAN203 **Intensive Intermediate Spanish**

SPAN203 Intensive Intermediate Spanish; (4 credits) Grade Method: REG/P-F/AUD. CORE Humanities (HO) Course.
Prerequisite: SPAN103; or must have appropriate Foreign Language Placement Test (FLPT) score. Restriction: Must not be a native/fluent speaker of Spanish. Covers speaking, reading, writing, listening, and culture of Spanish-speaking world.

0101	Maria Monsalve **Meets May 28, 2013 - July 7, 2013** MTuWTh 9:30am - 11:45am	Seats (Total: 25) PLS 1113
0102	Carla Onate **Meets May 28, 2013 - July 7, 2013** TuWTh 6:00pm - 9:00pm	Seats (Total: 25) PLS 1119
0201	Lina Morales Chacana **Meets July 8, 2013 - August 18, 2013** MTuWTh 9:30am - 11:45am	Seats (Total: 25) KEY 0121
0202	Evelyn Canabal-Torres **Meets July 8, 2013 - August 18, 2013** TuWTh 6:00pm - 9:00pm	Seats (Total: 25) PLS 1115
0203	Fabian Faccio **Meets July 8, 2013 - August 18, 2013** MTuWTh 9:30am - 11:45am	Seats (Total: 25) ASY 3219
0204	Maria Gomez-Martin **Meets July 8, 2013 - August 18, 2013** TuWTh 6:00pm - 9:00pm	Seats (Total: 25) ASY 3215

SPAN204 **Spanish Grammar Review**
Contact department for information to register for this course.

SPAN269I **Special Topics in Study Abroad II; Intensive Intermediate Spanish**
Contact department for information to register for this course.

SPAN269P **Special Topics in Study Abroad II; Spanish Oral Techniques**
Contact department for information to register for this course.

SPAN301 **Advanced Grammar and Composition I**

SPAN301 Advanced Grammar and Composition I; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: Must have completed or be concurrently enrolled in SPAN207. Practice of complex grammatical structures through reading and writing of compositions and essays. Specific lexical, syntactic, rhetorical, and stylistic devices will be highlighted.

0101	Norman Gonzalez **Meets May 28, 2013 - July 7, 2013** TuTh 6:00pm - 9:20pm	Seats (Total: 20) JMZ 2125
0201	Chila Hidalgo **Meets July 8, 2013 - August 18, 2013** MW 6:00pm - 9:20pm	Seats (Total: 20) JMZ 1117

SPAN302 **Advanced Grammar and Composition II**
Contact department for information to register for this course.

SPAN303 **Approaches to Cultural Materials in the Hispanic World**

SPAN303 Approaches to Cultural Materials in the Hispanic World; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: SPAN207; or permission of instructor. Development of proficiency in critical thought through the reading, viewing, and analytical discussion of major genres and styles of cultural materials selected from Spanish-speaking world. Taught in Spanish.

0101	Maria Campero **Meets May 28, 2013 - July 7, 2013** MW 6:00pm - 9:25pm	Seats (Total: 20) JMZ 1117

SPAN304 **SPAN304Linguistic Commentary and Writing of Spanish Texts**
Contact department for information to register for this course.

SPAN311 **Advanced Conversation I**
Contact department for information to register for this course.

SPAN312 **Advanced Conversation II**
Contact department for information to register for this course.

SPAN315 **Commercial Spanish I**

SPAN315 Commercial Spanish I; (3 credits) Grade Method: REG/P-F/AUD. *Prerequisite: SPAN301 and SPAN303; or permission of ARHU-School of Languages, Literatures, and Cultures department.* Business Spanish terminology, vocabulary and practices. Emphasis on everyday spoken and written Spanish. Readings and discussions of Spanish commercial topics. May include exposure to Spanish commercial topics. May include exposure to Spanish business environments.

0101	Oscar Santos Sopena	Seats (Total: 20)
	Meets May 28, 2013 - July 7, 2013	
	TuWTh 9:30am - 11:45am	ARC 1125

SPAN333 **Spanish Culture, Civilization and Literature III: Modern Times**
Contact department for information to register for this course.

SPAN369C **Special Topics in Study Abroad III; Spanish Culture and History**
Contact department for information to register for this course.

SPAN369O **Special Topics in Study Abroad III; Spanish Conversation and Oral Skills**
Contact department for information to register for this course.

SPAN369P **Special Topics in Study Abroad III; Spanish Oral Techniques**
Contact department for information to register for this course.

SPAN399 **Independent Study in Spanish**

SPAN399 Independent Study in Spanish; (1-3 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

SPAN401 **Advanced Composition I**
Contact department for information to register for this course.

SPAN402 **Advanced Composition II**
Contact department for information to register for this course.

SPAN408A **Great Themes of the Hispanic Literatures; Comedy and Humor in Contemporary Spanish Film**

SPAN408A Great Themes of the Hispanic Literatures: Comedy and Humor in Contemporary Spanish Film; (3 credits) Grade Method: REG/P-F/AUD.

0301	Jose Naharro-Calderon	Seats (Total: 25)
	Meets May 28, 2013 - June 14, 2013	
	MTuWTh 1:00pm - 4:25pm	JMZ 3120

SPAN408I **Great Themes of the Hispanic Literatures; Spain and Spanish Cultural Treasures in Washington.**

SPAN408I Great Themes of the Hispanic Literatures: Spain and Spanish Cultural Treasures in Washington.; (3 credits) Grade Method: REG/P-F/AUD.

0401	Carmen Benito-Vessels	Seats (Total: 25)
	Meets July 8, 2013 - July 26, 2013	
	MTuW 6:00pm - 9:25pm Sa 1:00pm - 4:25pm	JMZ 2122 Location: TBA
	One class per week will meet weekends (day/time TBD) at the following places: National Gallery of Art, Library of Congress and Museum of Natural History.	

SPAN408J **Great Themes of the Hispanic Literatures; Contemporary Mexican Literature**
Contact department for information to register for this course.

SPAN408X **Great Themes of the Hispanic Literatures; Spain: Salamanca and Barcelona**
Contact department for information to register for this course.

SPAN408Y **Great Themes of the Hispanic Literatures; Contemporary Spanish Short Story**
Contact department for information to register for this course.

SPAN409B **Great Themes of the Hispanic Literatures; 20th Century and Contemporary Latin American Short Story**
Contact department for information to register for this course.

SPAN409L **Great Themes of the Hispanic Literatures; 20th Century and Contemporary Latin American Short Story**
Contact department for information to register for this course.

SPAN448C **Special Topics in Latin American Civilization; Culinary Landscapes: Food, Sabor, and Representation in the Hispanic Caribbean**

SPAN448C Special Topics in Latin American Civilization: Culinary Landscapes: Food, Sabor, and Representation in the Hispanic Caribbean; (3 credits) Grade Method: REG/P-F/AUD.

0601	Juan Carlos Quintero-Herencia	Seats (Total: 25)
	Meets July 29, 2013 - August 16, 2013	
	MTuWTh 6:00pm - 9:20pm	PLS 1111

SPAN464 **Contemporary Spanish Poetry**
Contact department for information to register for this course.

SPAN474 **Central American Literatures, Cultures, and Histories**
Contact department for information to register for this course.

SPAN699 **Independent Study in Spanish**

SPAN699 Independent Study in Spanish; (1-3 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

SPAN799 **Master's Thesis Research**

SPAN799 Master's Thesis Research; (1-6 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

SPAN899 **Doctoral Dissertation Research**

SPAN899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

SPHL Public Health Summer 2013

SPHL389I **Public Health Science Independent Study; India: Global Health and Development**
Contact department for information to register for this course.

SPHL698F **Special Topics in Public Health; Social Marketing in Public Health**

SPHL698F Special Topics in Public Health: Social Marketing in Public Health; (3 credits) Grade Method: REG/AUD.
Click here for more course information.

PSG1	Muhiuddin Haider	Seats (Total: 20)
	Meets May 28, 2013 - July 7, 2013	
	TuW 5:00pm - 8:30pm	BLD3 4203
	Meets at Universities of Shady Grove. Restricted to students in the Glo al Health Certificate.	

STAT Statistics and Probability Summer 2013

STAT100 **Elementary Statistics and Probability**

STAT100 Elementary Statistics and Probability; (3 credits) Grade Method: REG/P-F/AUD. CORE Mathematics or Formal Reasoning (MS) Course. GenEd: Fundamental Studies - Analytic Reasoning; Fundamental Studies - Math.
Prerequisite: MATH112, MATH110, MATH113, or MATH115; or permission of CMNS-Mathematics department. Restriction: Must not have completed MATH111; or must not have completed any MATH or STAT course with a prerequisite of MATH141. Credit only granted for: STAT100 or MATH111. Simplest tests of statistical hypotheses; applications to before-and-after and matched pair studies. Events, probability, combinations, independence. Binomial probabilities, confidence limits. Random variables, expected values, median, variance. Tests based on ranks. Law of large numbers, normal approximation. Estimates of mean and variance.

0101	Susan Chimiak	Seats (Total: 27)
	Meets May 28, 2013 - July 7, 2013	
	MTuWThF 8:00am - 9:20am	MTH 0105
0201	Justin Wyss-Gallifent	Seats (Total: 20)
	Meets July 8, 2013 - August 18, 2013	
	MTuWThF 9:30am - 10:50am	MTH B0425

STAT386 **Experiential Learning**

STAT386 *(PermReq)* **Experiential Learning; (3-6 credits)** Grade Method: REG/P-F.
Prerequisite: Must have learning proposal approved by the CMNS-Mathematics Department.

0150	Paul Smith **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 10)

STAT400 **Applied Probability and Statistics I**

STAT400 Applied Probability and Statistics I; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: Minimum grade of C- in MATH131; or MATH141; or students who have taken courses with comparable content may contact the department. Credit only granted for: BMGT231, ENEE324, or STAT400. Additional information: Not acceptable toward graduate degrees in MATH/STAT/AMSC. Random variables, standard distributions, moments, law of large numbers and central limit theorem. Sampling methods, estimation of parameters, testing of hypotheses.

0101	Abram Kagan **Meets May 28, 2013 - July 7, 2013** MTuWThF 9:30am - 10:50am	Seats (Total: 29) MTH B0425
0201	Joel Cohen, Timothy Pilachowski **Meets July 8, 2013 - August 18, 2013** MTuWThF 9:30am - 10:50am	Seats (Total: 27) MTH 0303
0202	Joel Cohen, Timothy Pilachowski **Meets July 8, 2013 - August 18, 2013** MTuWThF 11:00am - 12:20pm	Seats (Total: 20) MTH 0302

STAT430 **Introduction to Statistical Computing with SAS**

STAT430 Introduction to Statistical Computing with SAS; (3 credits) Grade Method: REG/P-F/AUD.
Prerequisite: Minimum grade of C- in STAT400. Descriptive and inferential statistics. SAS software: numerical and graphical data summaries; merging, sorting and splitting data sets. Least squares, regression, graphics and informal diagnostics, interpreting results. Categorical data, lifetime data, time series. Applications to engineering, life science, business and social science.

0101	Xuan Yao	Seats (Total: 20)
	Meets May 28, 2013 - July 7, 2013	
	MTuWThF 11:00am - 12:20pm	MTH 0104

STAT498A **Selected Topics in Statistics**

STAT498A *(PermReq)* **Selected Topics in Statistics; (1-6 credits)** Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

STAT689 **Research Interactions in Statistics**

STAT689 *(PermReq)* **Research Interactions in Statistics; (1-3 credits)** Grade Method: REG/AUD.

0101	Instructor: TBA	Seats (Total: 10)
	Meets May 28, 2013 - July 7, 2013	
	Contact instructor or department for details.	

STAT698A **Selected Topics in Probability**

STAT698A *(PermReq)* **Selected Topics in Probability; (1-4 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

STAT798A **Selected Topics in Statistics**

STAT798A *(PermReq)* **Selected Topics in Statistics; (1-4 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

STAT799 **Master's Thesis Research**

STAT799 *(PermReq)* **Master's Thesis Research; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

STAT898 **Pre-Candidacy Research**

STAT898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

STAT899 **Doctoral Dissertation Research**

STAT899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

SUMM Summer Summer 2013

SUMM004 **Multi-Track Diplomacy: Tranforming Violent Conflict Workshop**

SUMM004 Multi-Track Diplomacy: Tranforming Violent Conflict Workshop; (No CEU'S) Grade Method: NGI.
Click here for more course information.

0501	John Davies	Seats (Total: 30)
	Meets June 17, 2013 - July 5, 2013	
	TuTh 6:00pm - 9:20pm	TYD 1101

SUMM010 **Non-Credit Workshop: Studio ArtIron Casting**

SUMM010 Non-Credit Workshop: Studio ArtIron Casting; (No CEU'S) Grade Method: NGI.
Also offered as ARTT330. This is a non-credit Workshop. Students must pay a $40 materials fee.

0301	Steven Jones **Meets May 28, 2013 - June 14, 2013** MTuWTh 2:00pm - 8:15pm	Seats (Total: 7) ASY 1310	 Lab

SUMM015 **Field Methods in Archaeology**

SUMM015 Field Methods in Archaeology; (No CEU'S) Grade Method: NGI. Also offered as ANTH496 and ANTH696.

0101	Mark Leone **Meets May 28, 2013 - July 7, 2013** MTuWThF 8:00am - 4:00pm	Seats (Total: 20) Location: TBA
0102	Stephen Brighton **Meets May 28, 2013 - July 7, 2013** MTuWThF 8:00am - 4:00pm	Seats (Total: 15) Location: TBA
0103	Paul Shackel **Meets May 28, 2013 - July 7, 2013** MTuWThF 8:00am - 4:00pm	Seats (Total: 6) Location: TBA

SUMM016 **Introduction to Cultural Resource Management**

SUMM016 Introduction to Cultural Resource Management; (No CEU'S) Grade Method: NGI.

I501	Terry Klein **Meets June 17, 2013 - June 25, 2013** MTuWThFSa 9:00am - 5:00pm	Seats (Total: 15) WDS 1102

SUMM062 **Academic Skills**

SUMM062 Academic Skills; (No CEU'S) Grade Method: NGI.

0101	Beverly Greenfeig **Meets June 4, 2013 - June 21, 2013** TuWTh 10:30am - 12:30pm *Click here for more course information.*	Seats (Total: 50) TYD 0111

0501	Marcia Marinelli	Seats (Total: 20)
	Meets June 17, 2013 - July 5, 2013	
	MTuWTh 12:30pm - 2:00pm	ASY 3217

SURV Survey Methodology Summer 2013

SURV623 **Data Collection Methods in Survey Research**

SURV623 Data Collection Methods in Survey Research; (3 credits) Grade Method: REG/AUD.
Review of alternative data collection methods used in surveys, concentrating on the impact these techniques have on the quality of survey data, including measurement error properties, levels of nonresponse and coverage error. Reviews of the literature on major mode comparisons (face-to-face interviewing, telephone survey and self-administered questionnaires), and alternative collection methods (diaries, administrative records, direct observation, etc.). The statistical and social science literatures on interviewer effects and nonresponse, and current advances in computer-assisted telephone interviewing (CATI), computer-assisted personal interviewing (CAPI), and other methods such as touchtone data entry (TDE) and voice recognition (VRE).

0101	Frederick Conrad	Seats (Total: 20)
	Meets June 3, 2013 - July 26, 2013	
	MW 3:00pm - 5:30pm	LEF 1208
SV01	Frederick Conrad	Seats (Total: 20)
	Meets June 3, 2013 - July 26, 2013	
	MW 3:00pm - 5:30pm	Location: TBA
	Meets at Census Bureau in Suitland, MD. Students in this section are using video stream at this location only.	

SURV625 **Applied Sampling**

SURV625 Applied Sampling; (3 credits) Grade Method: REG/AUD.
Prerequisite: Must have completed a course in statistics approved by department. Practical aspects of sample design. Topics include: probability sampling (including simple random, systematic, stratified, clustered, multistage and two-phase sampling methods), sampling with probabilities proportional to size, area sampling, telephone sampling, ratio estimation, sampling error estimation, frame problems, nonresponse, and cost factors.

0101	James Wagner **Meets June 3, 2013 - July 26, 2013** TuTh 12:30pm - 3:00pm	Seats (Total: 20) LEF 1208
SV01	James Wagner **Meets June 3, 2013 - July 26, 2013** TuTh 12:30pm - 3:00pm *Meets at Census Bureau in Suitland, MD. Students in this section are using video stream at this location only.*	Seats (Total: 20) Location: TBA

SURV630 **Questionnaire Design**

SURV630 Questionnaire Design; (3 credits) Grade Method: REG/AUD.
Credit only granted for: SURV430 and SURV630. The stages of questionnaire design; developmental interviewing, question writing, question evaluation, pretesting, and questionnaire ordering and formatting. Reviews of the literature on questionnaire construction, the experimental literature on question effects, and the psychological literature on information processing. Examination of the diverse challenges posed by self versus proxy reporting and special attention is paid to the relationship between mode of administration and questionnaire design.

0101	Ting Yan **Meets June 3, 2013 - July 26, 2013** TuTh 3:00pm - 5:30pm	Seats (Total: 20) LEF 1208

SURV699 **Special Topics in Survey Methodology**

SURV699 *(PermReq)* **Special Topics in Survey Methodology; (1-3 credits)** Grade Method: REG/AUD.

0201	Frederick Conrad	Seats (Total: 10)
	Meets July 8, 2013 - August 18, 2013	
	Contact instructor or department for details.	

SURV699K **Special Topics in Survey Methodology; Multi-Level Analysis of Survey Data**

SURV699K Special Topics in Survey Methodology: Multi-Level Analysis of Survey Data; (3 credits) Grade Method: REG/AUD.

0101	Robert Croninger	Seats (Total: 12)
	Meets June 4, 2013 - June 28, 2013	
	MTuWThF 10:30am - 12:30pm	LEF 2208

SURV899 **Doctoral Dissertation Research**

SURV899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

THET Theatre Summer 2013

THET110 **Introduction to the Theatre**

THET110 Introduction to the Theatre; (3 credits) Grade Method: REG/P-F/AUD. CORE History or Theory of Arts (HA) Course. GenEd: Distributive Studies - Humanities.
Introduction to the people of the theatre: actors, directors, designers and backstage personnel. The core and characteristics of a play script; theatrical forms and styles; and theatre history.

0101	Sara Thompson	Seats (Total: 20)
	Meets May 28, 2013 - July 7, 2013	
	MTuW 10:00am - 12:15pm	PAC 1815
0201	Michael Boynton	Seats (Total: 15)
	Meets July 8, 2013 - August 18, 2013	
	MTuW 10:00am - 12:15pm	PAC 1815

XA21	Michael Boynton	Seats (Total: 0)
	Meets July 8, 2013 - August 18, 2013	
	MTuW 10:00am - 12:15pm	PAC 1815

THET120 **Introduction to Acting**

THET120 Introduction to Acting; (3 credits) Grade Method: REG/P-F/AUD. *Restriction: Must not be in Theatre program.* Through scene study, exercises, and improvisation, an appreciation is developed for the working habits of actors, which will aid them in rehearsal as well as performance.

0101	Caroline Clay	Seats (Total: 12)
	Meets May 28, 2013 - July 7, 2013	
	MTuW 12:00pm - 2:15pm	PAC 3736

THET269B **Special Topics in Study Abroad II; The Meaning of Style**
Contact department for information to register for this course.

THET285 **The Art of Communication and Presentation**

THET285 The Art of Communication and Presentation; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Fundamental Studies - Oral Communications. *Credit only granted for: COMM107, COMM200, INAG110, JOUR130, or THET285.* An introduction to the fundamental practice and theory of public speaking and oral communication using theatrical techniques of both performance and the craft of storytelling.

0101	Michael Boynton	Seats (Total: 25)
	Meets May 28, 2013 - July 7, 2013	
	MTuW 10:00am - 12:15pm	PAC 1809

THET399D **Independent Study; Digitial Feature Filmmaking: Professional Cinema on a Student's Budget**

THET399D Independent Study: Digitial Feature Filmmaking: Professional Cinema on a Student's Budget; (3 credits) Grade Method: REG/P-F/AUD.

0201	Adam Nixon	Seats (Total: 12)
	Meets July 8, 2013 - August 18, 2013	
	TuTh 6:00pm - 9:30pm	PAC 2804

THET399W **Independent Study; The 21 Day Screenplay: Writing Your First Feature Film**

THET399W Independent Study: The 21 Day Screenplay: Writing Your First Feature Film; (3 credits) Grade Method: REG/P-F/AUD.

0101	Adam Nixon	Seats (Total: 12)	
	Meets May 28, 2013 - July 7, 2013		
	TuTh 6:00pm - 9:30pm	PAC 2804	Lab

THET489T **Special Topics in Theatre History from 1800 to Present; The Contemporary American Musical: From Hair to Hairspray**

THET489T Special Topics in Theatre History from 1800 to Present: The Contemporary American Musical: From Hair to Hairspray; (3 credits) Grade Method: REG/P-F/AUD.

0101	Korey Rothman	Seats (Total: 20)	
	Meets May 28, 2013 - July 7, 2013		
	MTuW 10:00am - 12:15pm	PAC 2804	

THET499 **Independent Study**

THET499 *(PermReq)* **Independent Study; (1-3 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

THET789 **Master's Practicum**

THET789 *(PermReq)* **Master's Practicum; (1-6 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

THET799 **Master's Thesis Research**

THET799 *(PermReq)* **Master's Thesis Research; (1-6 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

THET899 **Doctoral Dissertation Research**

THET899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

UMEI Maryland English Institute Summer 2013

UMEI007 **Advanced Writing for International Students**
Contact department for information to register for this course.

UMEI011 **Integrated English: Elementary**

UMEI011 Integrated English: Elementary; (5 credits) Grade Method: S-F. *Prerequisite: Placement exam; and permission of EDUC-Dean-Maryland English Institute department.* English as a Second Language course for students at the elementary level.

UM10	Glenn Knapp **Meets June 11, 2013 - July 26, 2013** MTuWTh 9:00am - 12:30pm	Seats (Total: 16) EDU 3236

UMEI012 **Integrated English: Intermediate**

UMEI012 Integrated English: Intermediate; (5 credits) Grade Method: S-F. *Prerequisite: Placement exam; and permission of EDUC-Dean-Maryland English Institute department.* English as a Second Language course for students at the intermediate level.

UM10	Melanie Baker **Meets June 11, 2013 - July 26, 2013** MTuWTh 9:00am - 12:30pm	Seats (Total: 16) COL 3109
UM11	Diego Hernandez **Meets June 11, 2013 - July 26, 2013** MTuWTh 9:00am - 12:30pm	Seats (Total: 16) TWS 1106

UMEI013 **Integrated English: Advanced**

UMEI013 Integrated English: Advanced; (5 credits) Grade Method: S-F. *Prerequisite: Placement exam; and permission of EDUC-Dean-Maryland English Institute department.* English as a Second Language for students at the advanced level.

UM10	Eric Walker	Seats (Total: 16)
	Meets June 11, 2013 - July 26, 2013	
	MTuWTh 9:00am - 12:30pm	EDU 0206

UMEI028A **Special Topics in English as a Second Language; Preparation of Academic Study in an American University**

UMEI028A Special Topics in English as a Second Language: Preparation of Academic Study in an American University; (1 credit) Grade Method: S-F.

UM10	Jonathan Malone	Seats (Total: 25)
	Meets June 11, 2013 - July 26, 2013	
	MW 1:30pm - 3:30pm	ASY 3211
UM11	Jonathan Malone	Seats (Total: 25)
	Meets June 11, 2013 - July 26, 2013	
	TuTh 1:30pm - 3:30pm	ASY 3211

UMEI028C **Special Topics in English as a Second Language; Focus on Conversation**

UMEI028C Special Topics in English as a Second Language: Focus on Conversation; (1 credit) Grade Method: S-F.

UM10	Daniela Wagner-Loera	Seats (Total: 25)
	Meets June 11, 2013 - July 26, 2013	
	W 1:30pm - 3:30pm	ASY 3203
	F 9:00am - 11:00am	ASY 3221

UMEI028G **Special Topics in English as a Second Language; Focus on Grammar**

UMEI028G Special Topics in English as a Second Language: Focus on Grammar; (1 credit) Grade Method: S-F.

UM10	Daniela Wagner-Loera	Seats (Total: 25)
	Meets June 11, 2013 - July 26, 2013	
	M 1:30pm - 3:30pm	PLS 1115
	F 11:00am - 1:00pm	ASY 3219

UMEI028I **Special Topics in English as a Second Language; IELTS Exam Preparation**

UMEI028I Special Topics in English as a Second Language: IELTS Exam Preparation; (1 credit) Grade Method: S-F.

UM10	Raymond Smith	Seats (Total: 25)
	Meets June 11, 2013 - July 26, 2013	
	MW 1:30pm - 3:30pm	EDU 0206

UMEI028T **Special Topics in English as a Second Language; iBT TOEFL Strategies**

UMEI028T Special Topics in English as a Second Language: iBT TOEFL Strategies; (1 credit) Grade Method: S-F.

UM10	Daniela Wagner-Loera	Seats (Total: 25)
	Meets June 11, 2013 - July 26, 2013	
	TuTh 1:30pm - 3:30pm	COL 3109

UMEI028V **Special Topics in English as a Second Language; Vocabulary**

UMEI028V Special Topics in English as a Second Language: Vocabulary; (1 credit) Grade Method: S-F.

Focuses on particular English language topics for ESL student as indicated by title. Course intended to be taken concurrently with UMEI011, UMEI012 or UMEI013; but may be taken independently with special permission.

UM10	Annelies Galletta	Seats (Total: 25)
	Meets June 11, 2013 - July 26, 2013	
	TuTh 1:30pm - 3:30pm	TWS 1106

UNIV University Courses Summer 2013

UNIV099 **Internship Seminar**

UNIV099 *(PermReq)* **Internship Seminar; (No credit)** Grade Method: S-F. Permission of Internship Coordinator required. Obtain signature and more information at the Career Center, 3100 Hornbake Library. Special fee required for this course.

CP20	Ekaterina Solovyeva, Erica Ely **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 84)
CP21	Ekaterina Solovyeva, Erica Ely **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 90)
CP22	Erin Rooney-Eckel **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 20)

UNIV100 **The Student in the University**

UNIV100 The Student in the University; (1 credit) Grade Method: REG/P-F/AUD. *Credit only granted for: EDCP108O or UNIV100. Formerly: EDCP108O.* Introduces students to University life. In a small classroom setting, students will explore how to successfully bridge the gap between high school and college. Study skills, career decision-making, and student development processes will be explored.

0501	Annie Foster Ahmed **Meets June 18, 2013 - July 11, 2013** TuTh 1:30pm - 4:00pm	Seats (Total: 15) KEY 0103

UNIV101 **The Student in the University and Introduction to Computer Resources**

UNIV101 The Student in the University and Introduction to Computer Resources; (2 credits) Grade Method: REG/P-F/AUD.
Introduces students to University life and current computer resources. In a small classroom setting, students will explore the world of higher education and current technological advances available to them. Additionally students will explore current resources both internal and external to the University, and how to utilize the World Wide Web as a research tool.

0501	Robert Darville	Seats (Total: 20)
	Meets June 17, 2013 - July 5, 2013	
	MTuWTh 9:15am - 11:15am	PLS 1115

UNIV102 **STEP: Confidence Building and Study Skills in Mathematics**
Contact department for information to register for this course.

UNIV103 **STEP: Making a Successful Transition to University Life**
Contact department for information to register for this course.

UNIV269A **Connecting Across Cultures**
Contact department for information to register for this course.

UNIV269C **Connecting Across Cultures; China: Culture, Language and Internship Program**
Contact department for information to register for this course.

UNIV318B **Special Topics in Study Abroad; Indonesia: Civil Society, Democracy and Sustainable Development**
Contact department for information to register for this course.

UNIV326 **Beyond the Classroom Seminar II**

UNIV326 Beyond the Classroom Seminar II; (1 credit) Grade Method: REG/P-F/AUD.
Prerequisite: UNIV325. Restriction: Must be in the Beyond the Classroom (BTC) living and learning program. Seminar for students in internships and service-learning experiences as context for applying communication skills and knowledge of civic engagement leadership skills first introduced in UNIV325. Must be taken concurrently with experiential learning practicum.

WB21	James Riker	Seats (Total: 15)
	Meets July 8, 2013 - August 18, 2013	
	Class time/details on ELMs	ONLINE

UNIV339 **McNair Research Methods and Writing**

UNIV339 *(PermReq)* **McNair Research Methods and Writing; (2 credits)** Grade Method: REG/P-F/AUD.

CP01	Jay Garvey **Meets May 28, 2013 - July 7, 2013** MF 9:00am - 5:00pm	Seats (Total: 30) MMH 0108

UNIV389J **Special Topics in Undergraduate Studies**

UNIV389J *(PermReq)* **Special Topics in Undergraduate Studies; (3 credits)** Grade Method: REG/P-F/AUD.

0101	Joan Burton **Meets May 28, 2013 - July 7, 2013** Contact instructor or department for details.	Seats (Total: 25)
0201	Joan Burton **Meets July 8, 2013 - August 18, 2013** Contact instructor or department for details.	Seats (Total: 25)

UNIV399M **Experiential Learning in Undergraduate Studies; McNair Program- Research Methods**

UNIV399M Experiential Learning in Undergraduate Studies: McNair Program-Research Methods; (2 credits) Grade Method: REG/P-F/AUD.

0101	Instructor: TBA **Meets May 28, 2013 - July 7, 2013** M 9:00am - 5:00pm	Seats (Total: 20) HBK 1112

URSP Urban Studies and Planning Summer 2013

URSP399I **Independent Study**

URSP399I *(PermReq)* **Independent Study; (1-3 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

URSP603 **Land Use Planning: Concepts and Techniques**

URSP603 Land Use Planning: Concepts and Techniques; (3 credits) Grade Method: REG/AUD.
Credit only granted for: URSP603, URBS680, or URBS603. Formerly: URBS603. Basic techniques for regulating the use and appearance of land. Legal framework, social implications, planning approaches, communicating land use information.

0201	Khalid Afzal	Seats (Total: 15)
	Meets July 8, 2013 - August 18, 2013	
	MW 7:00pm - 10:15pm	ARC 1121
	Contact instructor or department for details.	

URSP612 **Geographic Information Systems for Urban Planning**

URSP612 Geographic Information Systems for Urban Planning; (3 credits) Grade Method: REG/AUD.
Credit only granted for: URSP612 or URSP688M. Formerly: URSP688M. An introduction to GIS and its application to urban planning. Topics include: thematic mapping, GIS data structure, spatial analysis, Internet GIS, using census data to study urban areas, and examples of urban GIS application. Weekly laboratory and project work use ArcGIS software.

0101	Chao Liu	Seats (Total: 20)
	Meets May 28, 2013 - July 7, 2013	
	TuTh 7:00pm - 10:15pm	ARC 0111

URSP688F **Recent Developments in Urban Studies; Negotiation and Conflict Resolution for Planning**

URSP688F Recent Developments in Urban Studies: Negotiation and Conflict Resolution for Planning; (3 credits) Grade Method: REG/AUD.

0101	Charles Field	Seats (Total: 15)
	Meets May 29, 2013 - June 29, 2013	
	MW 6:00pm - 9:00pm	ARC 1119
	Sa 9:00am - 5:00pm	Location: TBA
	Course Meets: Wed. May 29 6 :00 PM 9:00 PM Sat., June 1 9:00 AM 5:00 PM Mon., June 3 6:00 PM 9:00 PM Wed., June 5 6:00 PM 9:00 PM Mon., June 10 6:00 PM 9:00 PM Wed., June 12 6:00 PM 9:00 PM Sat., June 15 9:00 AM 5:00 PM Wed., June 19 6:00 PM 9:00 PM Sat., June 29 9:00 AM 5:00 PM	

URSP688J **Recent Developments in Urban Studies; Principles of Urban Design**

URSP688J Recent Developments in Urban Studies: Principles of Urban Design; (3 credits) Grade Method: REG/AUD.

0201	Christian Calleri	Seats (Total: 15)
	Meets July 8, 2013 - August 18, 2013	
	TuTh 7:00pm - 10:20pm	ARC 1105

URSP705 **Summer Community Planning Studio I**

URSP705 Summer Community Planning Studio I; (4 credits) Grade Method: REG/AUD.

Restriction: Permission of instructor. Intensive community planning group field work, typically five days a week for four weeks. Often outside the USA. Application of class work to actual planning and policy challenges. Students seeking to meet the URSP studio requirement must also take URSP 706.

0101	James Cohen	Seats (Total: 10)
	Meets May 28, 2013 - July 7, 2013	
	TuTh 2:00pm - 6:30pm	ARC 1119

URSP706 **Summer Community Planning Studio II**

URSP706 Summer Community Planning Studio II; (2 credits) Grade Method: REG/AUD.

Restriction: Permission of instructor. Intensive analysis and report-preparation of work completed in URSP 705. Held in College Park. Students seeking to meet the URSP studio requirement must also take URSP 705.

0201	James Cohen	Seats (Total: 10)
	Meets July 8, 2013 - August 18, 2013	
	Contact instructor or department for details.	

URSP708 **Community Planning Studio**
Contact department for information to register for this course.

URSP709 **Field Instruction**

URSP709 Field Instruction; (3 credits) Grade Method: REG/AUD.

0101	James Cohen	Seats (Total: 20)
	Meets May 28, 2013 - July 7, 2013	
	Contact instructor or department for details.	
	Contact instructor or department for details.	

URSP788 **Independent Study in Urban Studies and Planning**

URSP788 *(PermReq)* **Independent Study in Urban Studies and Planning; (1-3 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

URSP798 **Readings in Urban Studies and Planning**

URSP798 *(PermReq)* **Readings in Urban Studies and Planning; (1-3 credits)** Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

URSP799 **Master's Thesis Research**

URSP799 *(PermReq)* **Master's Thesis Research; (1-6 credits)** Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

URSP898 **Pre-Candidacy Research**

URSP898 Pre-Candidacy Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

URSP899 **Doctoral Dissertation Research**

URSP899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG/S-F. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

USLT Latina/o Studies Summer 2013

USLT498M **US Latina/o Studies: Special Topics; Comparative Asian American/Latino Popular Cultures**

USLT498M US Latina/o Studies: Special Topics: Comparative Asian American/Latino Popular Cultures; (3 credits) Grade Method: REG/P-F/AUD. Also offered as AMST328T.

WB21	Douglas Ishii	Seats (Total: 30)
	Meets July 8, 2013 - August 18, 2013	
	Class time/details on ELMs	ONLINE

WMST Women's Studies Summer 2013

WMST250 **Introduction to Women's Studies: Women, Art and Culture**

WMST250 Introduction to Women's Studies: Women, Art and Culture; (3 credits) Grade Method: REG/P-F/AUD. CORE History or Theory of Arts (HA) Course. CORE Diversity (D) Course. GenEd: Distributive Studies - Humanities; Diversity - Understanding Plural Societies.
An examination of women's creative powers as expressed in selected examples of music, film, art, drama, poetry, fiction, and other literature. Explores women's creativity in relation to families, religion, education, ethnicity, class, sexuality, and within a cultural tradition shaped by women.

WB11	Renina Jarmon	Seats (Total: 30)
	Meets May 28, 2013 - July 7, 2013	
	Class time/details on ELMs	ONLINE

WMST255 **Reading Women Writing**

WMST255 Reading Women Writing; (3 credits) Grade Method: REG/P-F/AUD. CORE Literature (HL) Course. CORE Diversity (D) Course. GenEd: Distributive Studies - Humanities; Diversity - Understanding Plural Societies.
Also offered as: ENGL250. Credit only granted for: WMST255 or ENGL250. Images of women in literature by and about women. Also offered as ENGL250.

WB21	Sarah Sillin	Seats (Total: 25)
	Meets July 8, 2013 - August 18, 2013	
	Class time/details on ELMs	ONLINE

WMST269A **Special Topics in Study Abroad II; Women and Addiction**
Contact department for information to register for this course.

WMST269C **Special Topics in Study Abroad II; Modern Chinese Culture: Women's Studies**
Contact department for information to register for this course.

WMST269F **Special Topics in Study Abroad II; Women in Spanish Film**
Contact department for information to register for this course.

WMST269M **Special Topics in Study Abroad II; Mexican Society: History and Gender Issues**
Contact department for information to register for this course.

WMST298L **Special Topics in Women's Studies; History of Sexuality in America**

WMST298L Special Topics in Women's Studies: History of Sexuality in America; (3 credits) Grade Method: REG/P-F/AUD. GenEd: Distributive Studies - History and Social Sciences.

WB11	Clare Lyons	Seats (Total: 40)
	Meets May 28, 2013 - July 7, 2013	
	Class time/details on ELMs	ONLINE

WMST325 **The Sociology of Gender**

WMST325 The Sociology of Gender; (3 credits) Grade Method: REG/P-F/AUD. CORE Diversity (D) Course.
Prerequisite: 3 credits in SOCY courses. Also offered as: SOCY325. Credit only granted for: SOCY325 or WMST325. Institutional bases of gender roles and gender inequality, cultural perspectives on gender, gender socialization, feminism, and gender-role change. Emphasis on contemporary American society.

0601	Mehmet Ergun	Seats (Total: 35)
	Meets July 29, 2013 - August 16, 2013	
	MTuWTh 6:00pm - 9:10pm	ASY 3211
	Students who wish to register for this section after July 13, 2012, please e-mail summer@umd.edu .	

WB11	Michelle Sandhoff	Seats (Total: 30)
	Meets May 28, 2013 - July 5, 2013	
	Class time/details on ELMs	ONLINE

WMST348C **Literary Works by Women; Science Fiction**

WMST348C Literary Works by Women: Science Fiction; (3 credits) Grade Method: REG/P-F/AUD. CORE Diversity (D) Course.
Also offered as ENGL348C.

0101	Jane Donawerth	Seats (Total: 35)
	Meets May 28, 2013 - July 7, 2013	
	TuTh 6:00pm - 9:15pm	TWS 0234

WMST369G **Special Topics in Study Abroad III; Gender and Post Socialist Transformation in Central Europe**
Contact department for information to register for this course.

WMST369K **Special Topics in Study Abroad III; Spanish Gender Studies**
Contact department for information to register for this course.

WMST386 **Experiential Learning**

WMST386 *(PermReq)* **Experiential Learning; (1-6 credits)** Grade Method: REG/P-F. *Restriction: Must have Learning Proposal approved by Women's Studies Academic Advisor; and junior standing or higher.*

0101	Laura Nichols	Seats (Total: 10)
	Meets May 28, 2013 - July 7, 2013	
	Contact instructor or department for details.	
0201	Laura Nichols	Seats (Total: 3)
	Meets July 8, 2013 - August 18, 2013	
	Contact instructor or department for details.	

WMST469E **Study Abroad Special Topics IV; European Women from Past to Present**
Contact department for information to register for this course.

WMST469M **Study Abroad Special Topics IV; Sociology, Gender and Indigenous Beliefs in Mexican Cultures**
Contact department for information to register for this course.

WMST471 **Women's Health**

WMST471 Women's Health; (3 credits) Grade Method: REG/P-F/AUD. CORE Diversity (D) Course.
Restriction: Must be in a major within ARHU-Women's Studies department; or must be in a major within SPHL-Behavioral & Community Health department. Also offered as: HLTH471. Credit only granted for: HLTH471 or WMST471. The women's health movement from the perspective of consumerism and feminism. The physician-patient relationship in the gynecological and other medical settings. The gynecological exam, gynecological problems, contraception, abortion, pregnancy, breast and cervical cancer and surgical procedures. Psychological aspects of gynecological concerns.

0101	Anne Anderson-Sawyer	Seats (Total: 40)
	Meets May 28, 2013 - July 7, 2013	
	MW 5:00pm - 8:45pm	SPH 0308

WMST498M **Advanced Special Topics in Women's Studies; Women and the Civil Rights Movement**

WMST498M Advanced Special Topics in Women's Studies: Women and the Civil Rights Movement; (3 credits) Grade Method: REG/P-F/AUD.
Also offered as AASP498I and HIST360.

WB41	Elsa Barkley Brown	Seats (Total: 40)
	Meets July 8, 2013 - July 26, 2013	
	Class time/details on ELMs	ONLINE

WMST499 **Independent Study**

WMST499 Independent Study; (3 credits) Grade Method: REG/P-F/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

WMST698R **Special Topics in Women's Studies; Qualitative Research Colloquium**

WMST698R Special Topics in Women's Studies: Qualitative Research Colloquium; (1-3 credits) Grade Method: REG/AUD.
This course offers strategies to produce effective qualitative research and address specific qualitative struggles. The course will be a seminar-style incubator for qualitative dissertations and proposals. Using the student's current projects, the course will offer opportunities to present, discuss, and analyze current qualitative research studies and focus on a specific qualitative struggle in an area such as research design, data collection, coding, data analysis, organization of qualitative findings, writing, evaluation, among other concerns. In addition to the course times listed below, there will be online requirements for this course as well as one additional course time based on the students' schedules.

HY11	Beth Cohen	Seats (Total: 15)
	Meets May 28, 2013 - July 7, 2013	
	Tu 4:00pm - 7:00pm	WDS 1130
	Class time/details on ELMs	ONLINE

WMST699 **Independent Study**

WMST699 *(PermReq)* **Independent Study; (1-3 credits)** Grade Method: REG/AUD. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.

WMST899 **Doctoral Dissertation Research**

WMST899 Doctoral Dissertation Research; (1-8 credits) Grade Method: REG. Individual Instruction course: contact department or instructor to obtain section number.

Contact department for information to register for this course.